RE21Y01 (Shiny Straw): Why called Shiny Straw
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	75 (2.1) ▲
Denmark	74 (2.4) ▲
Lithuania	74 (2.0) ▲
Finland	73 (1.3) ▲
Italy	71 (2.3) ▲
Germany	71 (2.0) ▲
Czech Republic	65 (2.0) ▲
Slovenia	62 (2.6)
Singapore	61 (1.5)
Norway (5)	60 (3.1)
Hungary	59 (2.8)
International Average	**59 (0.5)**
Israel	58 (2.4)
Spain	58 (2.4)
Slovak Republic	58 (3.2)
Portugal	54 (2.0) ▼
New Zealand	53 (2.6) ▼
Chinese Taipei	53 (2.3) ▼
Saudi Arabia	51 (5.0)
Sweden	49 (2.8) ▼
Malta	48 (2.7) ▼
Croatia	47 (3.7) ▼
Kazakhstan	46 (2.1) ▼
United Arab Emirates	44 (1.4) ▼
Qatar	42 (2.3) ▼
Belgium (Flemish)	– –
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.6) ▲
Alberta, Canada	65 (2.7) ▲
Quebec, Canada	62 (2.2)
Newfoundland & Labrador, Can.	56 (3.9)
British Columbia, Canada	55 (3.3)
Dubai, UAE	54 (1.8) ▼
Abu Dhabi, UAE	39 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (–) indicates comparable data not available.

RE21Y02 (Shiny Straw): Why Shiny Straw was better hunter
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	84 (1.2) ▲
Russian Federation	84 (1.9) ▲
Lithuania	81 (1.9) ▲
Spain	80 (2.0) ▲
Italy	80 (1.9) ▲
Finland	80 (1.4) ▲
Chinese Taipei	79 (2.0) ▲
Denmark	79 (1.9) ▲
Slovenia	79 (2.5)
Hungary	78 (2.5)
Croatia	77 (3.1)
Kazakhstan	76 (1.9)
Czech Republic	76 (2.3)
Israel	75 (2.1)
International Average	**74 (0.5)**
Germany	73 (1.6)
Portugal	73 (2.2)
Sweden	72 (2.8)
Slovak Republic	72 (2.7)
Belgium (Flemish)	70 (2.5)
Norway (5)	68 (2.6) ▼
United Arab Emirates	66 (1.3) ▼
New Zealand	66 (2.5) ▼
Qatar	65 (2.6) ▼
Saudi Arabia	64 (3.7) ▼
Malta	58 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (0.9) ▲
Quebec, Canada	86 (1.7) ▲
Dubai, UAE	79 (1.9) ▲
Alberta, Canada	75 (2.5)
British Columbia, Canada	73 (2.5)
Newfoundland & Labrador, Can.	71 (3.1)
Abu Dhabi, UAE	54 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y03 (Shiny Straw): "Flat as cat in the yellow grass"
Constructed Response (1 Point)

Country	Percent Full Credit
Germany	58 (2.2) ▲
Hungary	52 (3.1) ▲
Czech Republic	51 (2.8) ▲
Russian Federation	50 (2.4) ▲
Sweden	49 (2.8) ▲
Norway (5)	49 (3.0) ▲
Finland	48 (1.7) ▲
Singapore	47 (1.6) ▲
Denmark	46 (2.2) ▲
New Zealand	45 (2.4) ▲
Slovenia	44 (2.8) ▲
Lithuania	42 (2.2)
Italy	42 (2.1)
Croatia	42 (3.6)
Slovak Republic	39 (2.8)
Portugal	39 (2.4)
International Average	**38 (0.5)**
Spain	32 (2.5) ▼
Malta	31 (3.1) ▼
Israel	31 (2.2) ▼
Kazakhstan	26 (2.2) ▼
Belgium (Flemish)	24 (2.5) ▼
United Arab Emirates	23 (1.1) ▼
Qatar	19 (1.7) ▼
Chinese Taipei	14 (1.6) ▼
Saudi Arabia	9 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	58 (1.9) ▲
Alberta, Canada	54 (3.3) ▲
Newfoundland & Labrador, Can.	49 (2.3) ▲
British Columbia, Canada	49 (3.3) ▲
Quebec, Canada	43 (2.8)
Dubai, UAE	40 (2.1)
Abu Dhabi, UAE	16 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y04 (Shiny Straw): What Shiny Straw could catch
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	74 (2.2) ▲
Germany	70 (2.0) ▲
Denmark	68 (2.7) ▲
Norway (5)	68 (2.6) ▲
Czech Republic	67 (2.0) ▲
Singapore	66 (1.5) ▲
Sweden	66 (2.8) ▲
Italy	64 (2.4)
Lithuania	64 (2.4)
Croatia	63 (3.4)
Finland	63 (1.8)
Russian Federation	62 (2.6)
Slovenia	60 (2.6)
International Average	**59 (0.5)**
Portugal	59 (2.4)
Belgium (Flemish)	59 (2.6)
Slovak Republic	56 (2.9)
Israel	56 (2.5)
Spain	55 (2.2)
United Arab Emirates	51 (1.4) ▼
Qatar	50 (2.5) ▼
Saudi Arabia	50 (3.6) ▼
New Zealand	49 (2.5) ▼
Kazakhstan	49 (2.1) ▼
Hungary	49 (2.8) ▼
Malta	47 (3.4) ▼
Benchmarking Participants	
Newfoundland & Labrador, Can.	74 (2.7) ▲
Quebec, Canada	70 (2.8) ▲
Moscow City, Russian Fed.	70 (1.7) ▲
British Columbia, Canada	68 (2.7) ▲
Alberta, Canada	65 (3.0)
Dubai, UAE	63 (1.9)
Abu Dhabi, UAE	38 (2.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y05 (Shiny Straw): Why SS missed opportunities
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	85 (1.0) ▲
Russian Federation	82 (1.8) ▲
Croatia	77 (2.5) ▲
Denmark	76 (2.4) ▲
Chinese Taipei	75 (2.0) ▲
Finland	74 (1.8) ▲
Sweden	71 (2.6) ▲
Belgium (Flemish)	70 (2.6)
Slovenia	69 (2.8)
Germany	68 (2.1)
Kazakhstan	66 (1.9)
New Zealand	66 (2.6)
International Average	**65 (0.5)**
Hungary	65 (2.9)
Lithuania	64 (2.6)
Spain	62 (1.9)
Czech Republic	62 (2.1)
Italy	60 (2.5) ▼
Slovak Republic	59 (2.9) ▼
Malta	58 (3.3) ▼
Norway (5)	57 (2.6) ▼
United Arab Emirates	55 (0.8) ▼
Portugal	54 (2.6) ▼
Israel	54 (2.5) ▼
Saudi Arabia	51 (3.8) ▼
Qatar	51 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.3) ▲
Quebec, Canada	78 (2.8) ▲
British Columbia, Canada	74 (2.0) ▲
Dubai, UAE	72 (1.6) ▲
Alberta, Canada	68 (2.9)
Newfoundland & Labrador, Can.	64 (2.9)
Abu Dhabi, UAE	50 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y06 (Shiny Straw): Blue Wolf's complaint about SS
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	84 (1.4) ▲
Russian Federation	77 (2.2) ▲
Norway (5)	75 (2.5) ▲
Finland	73 (1.9) ▲
Germany	72 (1.9) ▲
Croatia	72 (4.0)
Denmark	71 (2.1) ▲
Hungary	70 (2.5)
Lithuania	69 (2.2)
Spain	69 (1.7)
Israel	68 (2.2)
Czech Republic	67 (2.1)
Slovenia	67 (2.2)
Slovak Republic	66 (3.1)
International Average	**66 (0.5)**
Chinese Taipei	64 (2.7)
Sweden	64 (2.9)
Italy	63 (2.4)
New Zealand	62 (2.6)
Belgium (Flemish)	62 (3.1)
Portugal	60 (2.3) ▼
United Arab Emirates	58 (1.0) ▼
Malta	56 (3.0) ▼
Qatar	51 (2.2) ▼
Kazakhstan	50 (2.0) ▼
Saudi Arabia	49 (4.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.4) ▲
Quebec, Canada	81 (1.9) ▲
Dubai, UAE	76 (1.6) ▲
Alberta, Canada	72 (2.4) ▲
British Columbia, Canada	71 (2.6)
Newfoundland & Labrador, Can.	63 (4.3)
Abu Dhabi, UAE	47 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y07 (Shiny Straw): What Shiny Straw wanted to do
Multiple Choice (Key is B)

Country	Percent Full Credit
Lithuania	85 (1.6) ▲
Croatia	85 (2.9) ▲
Finland	84 (1.2) ▲
Russian Federation	84 (1.9) ▲
Germany	83 (1.5) ▲
Italy	83 (1.8) ▲
Spain	82 (1.9) ▲
Slovak Republic	80 (2.4)
Hungary	80 (2.5)
Czech Republic	80 (1.8) ▲
Slovenia	80 (1.8)
Sweden	79 (2.4)
Denmark	78 (2.2)
International Average	**76 (0.4)**
Chinese Taipei	76 (2.4)
Kazakhstan	74 (1.8)
New Zealand	73 (2.3)
Belgium (Flemish)	73 (2.4)
Israel	73 (2.3)
Portugal	73 (2.3)
Norway (5)	70 (2.6) ▼
Malta	70 (3.2) ▼
Singapore	69 (1.4) ▼
Qatar	66 (2.0) ▼
United Arab Emirates	65 (0.8) ▼
Saudi Arabia	61 (4.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.1) ▲
Quebec, Canada	88 (1.6) ▲
Alberta, Canada	76 (2.9)
Dubai, UAE	75 (1.3)
Newfoundland & Labrador, Can.	75 (2.7)
British Columbia, Canada	73 (2.4)
Abu Dhabi, UAE	60 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y08 (Shiny Straw): What hunters did to Shiny Straw
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	86 (2.5) ▲
Russian Federation	84 (1.4) ▲
Chinese Taipei	84 (1.4) ▲
Singapore	82 (1.3) ▲
Denmark	81 (1.9) ▲
Sweden	80 (2.5) ▲
Lithuania	80 (1.9) ▲
Czech Republic	77 (2.0)
Germany	76 (1.6) ▲
Slovak Republic	76 (2.6)
Finland	75 (1.9)
Slovenia	74 (2.5)
Spain	74 (1.9)
International Average	**73 (0.5)**
Portugal	73 (2.2)
Italy	73 (2.0)
Hungary	70 (2.5)
Israel	69 (2.2)
Qatar	68 (2.3) ▼
Kazakhstan	68 (1.8) ▼
New Zealand	67 (2.6) ▼
Norway (5)	67 (2.9) ▼
Saudi Arabia	66 (4.0)
Belgium (Flemish)	62 (3.0) ▼
United Arab Emirates	61 (1.2) ▼
Malta	60 (3.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.0) ▲
Quebec, Canada	81 (1.9) ▲
Alberta, Canada	74 (2.1)
Dubai, UAE	72 (1.7)
Newfoundland & Labrador, Can.	67 (3.1)
British Columbia, Canada	66 (2.4) ▼
Abu Dhabi, UAE	51 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

PIRLS 2021 Percent Correct Statistics for digitalPIRLS Achievement Items

RE21Y09 (Shiny Straw): Blue Wolf helps Shiny Straw escape
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	79 (4.1) ▲	92 (2.1) ▲
Singapore	77 (1.5) ▲	89 (1.2) ▲
Russian Federation	77 (2.1) ▲	92 (1.7) ▲
Czech Republic	70 (2.2) ▲	87 (1.3) ▲
Lithuania	70 (2.7) ▲	88 (1.9) ▲
Chinese Taipei	66 (2.9) ▲	92 (1.5) ▲
Denmark	65 (2.2)	88 (1.7) ▲
Germany	64 (2.1)	85 (1.7)
Slovak Republic	64 (3.1)	83 (2.1)
Norway (5)	64 (2.6)	83 (2.1)
Italy	64 (2.7)	89 (1.6) ▲
Belgium (Flemish)	62 (2.9)	82 (2.4)
Portugal	62 (2.8)	85 (2.0)
Finland	61 (1.6)	86 (1.4) ▲
International Average	**61 (0.5)**	**83 (0.4)**
Israel	59 (2.6)	80 (2.1)
Hungary	58 (2.9)	85 (2.4)
Slovenia	58 (3.8)	85 (2.2)
Sweden	57 (2.7)	84 (2.0)
New Zealand	56 (2.4) ▼	82 (2.3)
Saudi Arabia	54 (4.9)	66 (4.2) ▼
Qatar	51 (2.9) ▼	72 (2.1) ▼
Kazakhstan	50 (2.2) ▼	76 (1.6) ▼
United Arab Emirates	49 (1.0) ▼	66 (1.0) ▼
Malta	47 (2.7) ▼	75 (3.4) ▼
Spain	37 (2.3) ▼	80 (2.0)
Benchmarking Participants		
Moscow City, Russian Fed.	83 (1.6) ▲	96 (0.8) ▲
Quebec, Canada	65 (2.9)	92 (1.6) ▲
Dubai, UAE	63 (1.9)	81 (1.8)
Alberta, Canada	58 (2.8)	88 (1.5) ▲
Newfoundland & Labrador, Can.	56 (3.7)	85 (2.2)
British Columbia, Canada	55 (3.2)	86 (2.2)
Abu Dhabi, UAE	40 (1.7) ▼	53 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y10 (Shiny Straw): Why SS said I'm sorry
Constructed Response (1 Point)

Country	Percent Full Credit
Germany	63 (2.4) ▲
Denmark	58 (2.5) ▲
Finland	56 (1.8) ▲
New Zealand	47 (2.6) ▲
Hungary	47 (2.6) ▲
Norway (5)	47 (2.5) ▲
Israel	46 (2.3) ▲
Belgium (Flemish)	45 (2.8)
Singapore	44 (1.5) ▲
Portugal	43 (2.6)
Sweden	43 (2.9)
Croatia	43 (4.0)
International Average	**41 (0.5)**
Italy	41 (2.5)
Russian Federation	41 (2.6)
Slovenia	40 (3.1)
Lithuania	39 (2.5)
Czech Republic	37 (2.4)
Malta	35 (3.6)
United Arab Emirates	34 (1.2) ▼
Spain	34 (2.1) ▼
Chinese Taipei	31 (2.5) ▼
Qatar	27 (2.8) ▼
Kazakhstan	26 (1.9) ▼
Slovak Republic	23 (2.5) ▼
Saudi Arabia	– –
Benchmarking Participants	
Dubai, UAE	51 (1.9) ▲
Alberta, Canada	51 (3.6) ▲
British Columbia, Canada	47 (2.7) ▲
Quebec, Canada	47 (2.6) ▲
Newfoundland & Labrador, Can.	41 (3.5)
Moscow City, Russian Fed.	40 (2.1)
Abu Dhabi, UAE	24 (2.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE21Y11 (Shiny Straw): Understanding of mother's words
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	78 (1.3) ▲
Russian Federation	77 (2.2) ▲
Czech Republic	70 (1.9) ▲
Finland	70 (1.5) ▲
Denmark	69 (2.1) ▲
Italy	69 (2.3) ▲
Germany	68 (2.0) ▲
Croatia	68 (3.5)
Lithuania	68 (2.4) ▲
Sweden	66 (2.3)
Belgium (Flemish)	62 (3.0)
International Average	**62 (0.5)**
Norway (5)	62 (2.5)
Chinese Taipei	61 (2.7)
Slovak Republic	61 (2.7)
Spain	61 (2.4)
Hungary	60 (3.1)
Slovenia	59 (3.3)
Portugal	59 (2.3)
New Zealand	58 (2.6)
Kazakhstan	58 (2.2) ▼
Malta	58 (3.4)
Israel	54 (2.3) ▼
United Arab Emirates	53 (1.1) ▼
Qatar	48 (2.2) ▼
Saudi Arabia	39 (4.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.5) ▲
Quebec, Canada	75 (3.0) ▲
Dubai, UAE	66 (2.0)
Newfoundland & Labrador, Can.	65 (2.3)
British Columbia, Canada	65 (2.7)
Alberta, Canada	64 (2.6)
Abu Dhabi, UAE	50 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y12 (Shiny Straw): Words that describe Shiny Straw
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	67 (2.3) ▲	82 (1.7) ▲
Czech Republic	64 (2.1) ▲	68 (2.0) ▲
Croatia	63 (4.2) ▲	80 (3.2) ▲
Singapore	62 (1.8) ▲	72 (1.5) ▲
Denmark	61 (2.6) ▲	72 (2.3) ▲
Finland	61 (1.9) ▲	68 (1.9) ▲
Hungary	60 (2.9) ▲	71 (2.8) ▲
Italy	59 (2.5) ▲	64 (2.4)
Slovak Republic	57 (3.0) ▲	65 (2.7)
Lithuania	56 (2.3) ▲	66 (2.4) ▲
Portugal	56 (2.5) ▲	65 (2.4)
Belgium (Flemish)	55 (2.7)	66 (2.4) ▲
Germany	54 (2.4)	58 (2.5)
Israel	54 (2.6)	62 (2.3)
Slovenia	53 (2.9)	63 (2.9)
International Average	**50 (0.5)**	**61 (0.5)**
Chinese Taipei	48 (2.4)	52 (2.6) ▼
Spain	48 (2.3)	52 (2.3) ▼
Sweden	45 (2.6) ▼	68 (2.8) ▲
New Zealand	41 (2.4) ▼	55 (2.4) ▼
Malta	39 (3.1) ▼	51 (3.9) ▼
Norway (5)	33 (2.8) ▼	67 (2.9) ▲
Qatar	32 (2.0) ▼	40 (2.2) ▼
United Arab Emirates	31 (1.1) ▼	39 (1.0) ▼
Kazakhstan	28 (2.1) ▼	41 (2.3) ▼
Saudi Arabia	24 (3.5) ▼	39 (4.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	72 (1.9) ▲	87 (1.5) ▲
Quebec, Canada	70 (2.6) ▲	85 (1.7) ▲
Newfoundland & Labrador, Can.	58 (3.8) ▲	65 (3.5)
British Columbia, Canada	58 (2.6) ▲	69 (2.5) ▲
Alberta, Canada	57 (3.3) ▲	66 (3.2)
Dubai, UAE	49 (1.9)	61 (1.9)
Abu Dhabi, UAE	19 (1.7) ▼	28 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

PIRLS 2021 Percent Correct Statistics for digitalPIRLS Achievement Items

RE21Y13 (Shiny Straw): Describe Blue Wolf
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Croatia	39 (3.2) ▲	62 (3.5) ▲	92 (2.3) ▲
Singapore	35 (1.4) ▲	56 (1.7) ▲	85 (1.3) ▲
Russian Federation	33 (2.4) ▲	58 (2.8) ▲	93 (1.5) ▲
Sweden	30 (3.0) ▲	51 (3.1) ▲	80 (2.0)
Chinese Taipei	29 (2.4) ▲	50 (2.8) ▲	87 (2.1) ▲
Hungary	29 (2.6) ▲	49 (3.2) ▲	74 (2.3) ▼
Israel	26 (2.4) ▲	47 (2.6) ▲	80 (1.9)
Italy	25 (1.9) ▲	49 (2.6) ▲	87 (1.8) ▲
Lithuania	23 (2.3)	51 (3.0) ▲	86 (1.9) ▲
New Zealand	23 (2.2)	39 (2.4)	81 (2.0)
Denmark	23 (2.6)	43 (2.7)	85 (2.1) ▲
Finland	22 (1.5)	46 (1.9) ▲	91 (0.9) ▲
Portugal	22 (2.1)	39 (2.5)	81 (2.2)
International Average	**21 (0.4)**	**40 (0.5)**	**79 (0.4)**
Czech Republic	20 (2.2)	44 (2.5)	87 (1.6) ▲
Germany	19 (2.0)	32 (2.0) ▼	78 (2.0)
Spain	19 (1.7)	44 (2.1)	80 (1.9)
Kazakhstan	19 (1.8)	42 (2.1)	81 (1.4)
Slovak Republic	17 (2.2)	42 (3.3)	87 (1.6) ▲
United Arab Emirates	16 (1.0) ▼	30 (1.2) ▼	65 (1.0) ▼
Slovenia	13 (2.1) ▼	23 (2.8) ▼	76 (3.0)
Norway (5)	12 (1.7) ▼	28 (2.4) ▼	83 (1.9) ▲
Malta	11 (1.7) ▼	32 (3.5) ▼	68 (3.9) ▼
Qatar	8 (1.2) ▼	23 (2.0) ▼	55 (1.9) ▼
Saudi Arabia	8 (2.9) ▼	17 (3.8) ▼	49 (4.2) ▼
Belgium (Flemish)	4 (1.1) ▼	13 (2.3) ▼	74 (3.0) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	39 (2.0) ▲	72 (1.9) ▲	97 (0.6) ▲
Quebec, Canada	39 (2.2) ▲	67 (3.1) ▲	86 (2.0) ▲
Dubai, UAE	27 (1.7) ▲	44 (1.7) ▲	84 (1.3) ▲
British Columbia, Canada	22 (2.5)	47 (2.9) ▲	76 (2.2)
Newfoundland & Labrador, Can.	21 (3.0)	37 (4.1)	79 (2.9)
Alberta, Canada	16 (2.7)	38 (4.0)	85 (1.9) ▲
Abu Dhabi, UAE	11 (2.0) ▼	26 (2.2) ▼	48 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21Y14 (Shiny Straw): Would Blue Wolf be a better title
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	59 (1.5) ▲	80 (1.2) ▲
Portugal	59 (2.2) ▲	71 (2.1) ▲
Lithuania	57 (3.1) ▲	70 (2.5) ▲
Croatia	56 (3.6) ▲	88 (2.0) ▲
Hungary	53 (2.8) ▲	68 (2.6) ▲
Russian Federation	53 (2.3) ▲	73 (2.4) ▲
Finland	51 (2.2) ▲	68 (2.0) ▲
Spain	48 (2.1) ▲	61 (2.0)
Denmark	45 (2.4)	64 (2.6)
Slovenia	45 (3.0)	59 (3.0)
Israel	44 (2.1)	63 (2.3)
International Average	**42 (0.5)**	**61 (0.5)**
Belgium (Flemish)	39 (2.8)	57 (3.0)
Italy	39 (2.1)	60 (2.1)
Norway (5)	39 (2.4)	53 (2.5) ▼
Czech Republic	39 (2.2)	56 (2.1) ▼
Germany	36 (2.1) ▼	66 (2.3) ▲
Slovak Republic	35 (2.8) ▼	59 (2.9)
New Zealand	34 (2.4) ▼	53 (2.6) ▼
Malta	32 (3.0) ▼	53 (2.7) ▼
Kazakhstan	31 (1.6) ▼	51 (1.9) ▼
Sweden	31 (3.1) ▼	59 (3.0)
United Arab Emirates	29 (1.0) ▼	45 (1.2) ▼
Qatar	27 (2.0) ▼	40 (1.6) ▼
Chinese Taipei	23 (2.6) ▼	42 (2.7) ▼
Saudi Arabia	– –	– –
Benchmarking Participants		
Moscow City, Russian Fed.	60 (2.1) ▲	71 (1.9) ▲
Quebec, Canada	51 (2.7) ▲	76 (1.8) ▲
Alberta, Canada	48 (3.1) ▲	65 (3.3)
Dubai, UAE	45 (1.7)	60 (2.0)
British Columbia, Canada	43 (2.9)	59 (2.6)
Newfoundland & Labrador, Can.	41 (3.4)	60 (3.2)
Abu Dhabi, UAE	20 (1.8) ▼	32 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE41O01 (Oliver and The Griffin): In the beginning what is Oliver hoping will happen
Multiple Choice (Key is C)

Country	Percent Full Credit
Czech Republic	90 (1.8) ▲
Singapore	90 (0.7) ▲
Finland	88 (1.2) ▲
Lithuania	88 (1.9) ▲
Sweden	86 (1.8) ▲
Norway (5)	86 (1.8) ▲
New Zealand	83 (1.7)
Slovak Republic	83 (2.7)
Hungary	83 (2.0)
Slovenia	82 (1.9)
Chinese Taipei	81 (2.0)
Germany	81 (1.5)
Russian Federation	81 (2.0)
Croatia	81 (2.8)
International Average	**80 (0.4)**
Belgium (Flemish)	80 (2.6)
Malta	80 (2.6)
Italy	80 (1.9)
Portugal	79 (1.8)
Israel	79 (1.9)
Denmark	79 (2.1)
Spain	78 (1.9)
Kazakhstan	77 (1.8) ▼
Qatar	71 (2.5) ▼
United Arab Emirates	69 (1.4) ▼
Saudi Arabia	58 (3.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.4) ▲
Quebec, Canada	85 (1.7) ▲
Dubai, UAE	82 (1.3)
Newfoundland & Labrador, Can.	81 (2.3)
British Columbia, Canada	81 (1.9)
Alberta, Canada	76 (3.3)
Abu Dhabi, UAE	60 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O02 (Oliver and The Griffin): What does Oliver see when he looks through door
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	89 (1.1) ▲
Singapore	88 (1.0) ▲
Lithuania	87 (2.0) ▲
Hungary	86 (2.1) ▲
New Zealand	83 (1.7) ▲
Russian Federation	82 (1.9) ▲
Sweden	81 (1.9) ▲
Chinese Taipei	80 (2.2)
Slovak Republic	80 (2.7)
Czech Republic	80 (1.8)
Italy	79 (2.0)
Croatia	79 (2.7)
Slovenia	78 (2.2)
Germany	78 (1.5)
Denmark	77 (2.3)
Malta	76 (2.6)
International Average	**76 (0.4)**
Kazakhstan	76 (1.9)
Belgium (Flemish)	75 (2.4)
Portugal	73 (2.2)
Norway (5)	72 (2.4)
Spain	70 (2.0) ▼
United Arab Emirates	63 (1.1) ▼
Israel	61 (2.0) ▼
Qatar	58 (2.7) ▼
Saudi Arabia	58 (4.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.4) ▲
Dubai, UAE	79 (1.3) ▲
Newfoundland & Labrador, Can.	78 (3.0)
British Columbia, Canada	78 (2.1)
Alberta, Canada	72 (3.2)
Quebec, Canada	70 (1.9) ▼
Abu Dhabi, UAE	48 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O03 (Oliver and The Griffin): What does this sentence show the reader
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	49 (1.6) ▲
Croatia	47 (3.7) ▲
Italy	46 (2.4) ▲
Hungary	40 (2.9) ▲
Denmark	39 (2.4) ▲
Finland	38 (2.4) ▲
Czech Republic	36 (2.4) ▲
New Zealand	36 (2.5) ▲
Germany	34 (2.4)
Malta	34 (2.9)
Israel	34 (2.6)
Lithuania	31 (2.4)
Slovak Republic	31 (2.4)
Sweden	30 (2.4)
International Average	**30 (0.5)**
Portugal	30 (2.1)
Norway (5)	28 (2.3)
Slovenia	27 (2.7)
Spain	27 (2.5)
Belgium (Flemish)	23 (2.9) ▼
United Arab Emirates	22 (0.8) ▼
Qatar	22 (1.8) ▼
Russian Federation	19 (2.1) ▼
Kazakhstan	11 (1.1) ▼
Saudi Arabia	11 (2.8) ▼
Chinese Taipei	7 (1.1) ▼
Benchmarking Participants	
Alberta, Canada	49 (3.9) ▲
Newfoundland & Labrador, Can.	47 (3.3) ▲
British Columbia, Canada	46 (2.6) ▲
Moscow City, Russian Fed.	46 (2.0) ▲
Dubai, UAE	39 (1.7) ▲
Quebec, Canada	31 (2.3)
Abu Dhabi, UAE	16 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O04 (Oliver and The Griffin): What words does the author use to show
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	41 (2.3) ▲	67 (2.5) ▲
Israel	35 (2.6) ▲	53 (2.5) ▲
Croatia	32 (4.0) ▲	51 (4.0)
Portugal	32 (2.3) ▲	50 (2.6)
Russian Federation	32 (2.2) ▲	59 (2.4) ▲
Singapore	31 (1.5) ▲	61 (1.5) ▲
Czech Republic	29 (2.6)	51 (3.2)
Denmark	27 (2.2)	44 (2.2)
Slovak Republic	25 (2.7)	53 (3.2)
International Average	**24 (0.5)**	**48 (0.5)**
Italy	24 (2.1)	55 (2.7) ▲
Hungary	23 (2.4)	45 (3.0)
Belgium (Flemish)	22 (2.5)	42 (2.9)
Chinese Taipei	22 (2.0)	50 (2.7)
Sweden	22 (2.4)	48 (2.8)
New Zealand	22 (2.2)	47 (2.7)
Slovenia	21 (2.7)	40 (3.5) ▼
Qatar	21 (2.4)	49 (2.9)
Germany	21 (1.9)	49 (2.4)
Norway (5)	20 (2.1)	47 (2.7)
Kazakhstan	19 (1.8) ▼	45 (2.2)
Spain	18 (2.0) ▼	41 (2.2) ▼
United Arab Emirates	17 (0.9) ▼	37 (1.4) ▼
Malta	16 (2.6) ▼	45 (3.3)
Saudi Arabia	13 (2.5) ▼	28 (3.7) ▼
Finland	11 (1.2) ▼	34 (1.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	42 (2.1) ▲	75 (1.8) ▲
Quebec, Canada	27 (2.6)	57 (2.7) ▲
Dubai, UAE	27 (1.6) ▲	54 (1.8) ▲
Alberta, Canada	24 (2.5)	48 (3.1)
British Columbia, Canada	21 (2.0)	47 (2.0)
Newfoundland & Labrador, Can.	17 (3.3)	43 (3.0)
Abu Dhabi, UAE	13 (1.2) ▼	31 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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RE41O05 (Oliver and The Griffin): What does Oliver discover about griffin
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	59 (2.6) ▲	79 (2.1) ▲
Slovak Republic	58 (3.0) ▲	78 (2.2) ▲
Denmark	55 (2.9) ▲	76 (2.4) ▲
Singapore	54 (1.4) ▲	76 (1.3) ▲
Finland	53 (1.7) ▲	75 (1.7) ▲
Croatia	51 (3.5) ▲	69 (3.5) ▲
Germany	48 (2.3) ▲	71 (1.8) ▲
Sweden	46 (2.7) ▲	67 (2.8) ▲
Czech Republic	46 (2.9) ▲	70 (2.7) ▲
Hungary	46 (2.8) ▲	76 (2.6) ▲
Italy	39 (2.6)	67 (2.1) ▲
Portugal	39 (2.4)	59 (2.4)
Lithuania	39 (2.3)	57 (2.6)
Malta	38 (3.3)	65 (3.8)
International Average	**38 (0.5)**	**60 (0.5)**
Norway (5)	36 (2.8)	68 (2.6) ▲
New Zealand	35 (2.4)	66 (2.4) ▲
Slovenia	31 (3.3) ▼	62 (3.0)
Israel	28 (2.4) ▼	45 (2.9) ▼
United Arab Emirates	28 (1.1) ▼	47 (0.8) ▼
Belgium (Flemish)	26 (2.6) ▼	53 (2.4) ▼
Qatar	23 (2.1) ▼	47 (2.6) ▼
Spain	21 (1.9) ▼	38 (2.2) ▼
Chinese Taipei	20 (2.2) ▼	36 (2.3) ▼
Kazakhstan	10 (1.4) ▼	25 (2.1) ▼
Saudi Arabia	10 (2.9) ▼	34 (3.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	67 (1.8) ▲	85 (1.6) ▲
Newfoundland & Labrador, Can.	47 (3.9) ▲	72 (2.7) ▲
Quebec, Canada	45 (2.4) ▲	64 (2.3)
British Columbia, Canada	42 (3.0)	67 (2.4) ▲
Dubai, UAE	39 (1.5)	63 (1.7)
Alberta, Canada	38 (3.5)	67 (3.9)
Abu Dhabi, UAE	21 (1.9) ▼	36 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O06 (Oliver and The Griffin): What does Oliver say that offends the griffin
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	86 (1.0) ▲
Hungary	86 (1.9) ▲
Russian Federation	85 (2.2) ▲
Lithuania	83 (2.0) ▲
Italy	83 (1.7) ▲
Czech Republic	81 (2.1) ▲
Germany	79 (1.9) ▲
Finland	78 (1.8) ▲
Denmark	76 (2.2)
Slovak Republic	76 (2.8)
International Average	**73 (0.5)**
New Zealand	73 (2.3)
Norway (5)	73 (2.4)
Spain	72 (2.2)
Portugal	70 (2.2)
Croatia	70 (3.6)
Slovenia	69 (2.5)
Sweden	68 (2.6)
Malta	68 (3.3)
Chinese Taipei	67 (2.7) ▼
Kazakhstan	66 (2.0) ▼
Israel	63 (2.2) ▼
United Arab Emirates	62 (1.1) ▼
Qatar	60 (2.4) ▼
Belgium (Flemish)	54 (3.2) ▼
Saudi Arabia	– –
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.1) ▲
British Columbia, Canada	82 (2.0) ▲
Newfoundland & Labrador, Can.	80 (2.7) ▲
Dubai, UAE	77 (1.2) ▲
Quebec, Canada	73 (2.4)
Alberta, Canada	72 (1.7)
Abu Dhabi, UAE	54 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE41O07 (Oliver and The Griffin): One part that looks like eagle and lion
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	68 (2.6) ▲	92 (1.4) ▲
Czech Republic	67 (2.7) ▲	93 (1.5) ▲
Chinese Taipei	67 (2.5) ▲	91 (1.6) ▲
Finland	63 (2.0) ▲	93 (0.9) ▲
Slovak Republic	62 (3.2) ▲	93 (1.7) ▲
Denmark	62 (2.5) ▲	92 (1.3) ▲
Lithuania	60 (2.7) ▲	90 (1.7) ▲
Germany	60 (2.0) ▲	89 (1.6) ▲
Singapore	59 (1.7) ▲	92 (0.8) ▲
Kazakhstan	58 (2.4)	79 (2.2) ▼
Norway (5)	57 (2.8)	88 (2.0)
Italy	56 (2.4)	94 (1.2) ▲
International Average	**54 (0.5)**	**86 (0.4)**
Portugal	54 (2.2)	89 (1.4) ▲
Croatia	52 (3.3)	89 (2.7)
Belgium (Flemish)	52 (3.1)	83 (2.3)
New Zealand	49 (2.6)	91 (1.7) ▲
Malta	48 (2.6) ▼	79 (2.3) ▼
Sweden	48 (2.9) ▼	83 (2.1)
Hungary	46 (3.0) ▼	91 (1.8) ▲
Spain	45 (2.1) ▼	84 (1.8)
Saudi Arabia	45 (3.5) ▼	61 (3.4) ▼
Israel	44 (2.5) ▼	80 (2.0) ▼
Slovenia	43 (3.2) ▼	83 (1.6)
Qatar	41 (3.2) ▼	70 (2.5) ▼
United Arab Emirates	40 (1.4) ▼	68 (0.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	74 (2.0) ▲	96 (0.8) ▲
Dubai, UAE	54 (2.0)	82 (1.2) ▼
Quebec, Canada	54 (2.6)	90 (1.6) ▲
Newfoundland & Labrador, Can.	52 (3.4)	88 (2.7)
British Columbia, Canada	51 (2.7)	88 (1.9)
Alberta, Canada	46 (3.2) ▼	83 (2.7)
Abu Dhabi, UAE	33 (2.2) ▼	55 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O08 (Oliver and The Griffin): Think about when the griffin says
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	73 (3.2) ▲
Singapore	68 (1.5) ▲
Russian Federation	67 (2.7) ▲
Lithuania	66 (2.6) ▲
Germany	63 (2.0) ▲
Italy	61 (2.3) ▲
Portugal	60 (2.5) ▲
New Zealand	59 (2.5) ▲
Czech Republic	58 (2.3) ▲
Sweden	58 (3.2)
Finland	58 (1.4) ▲
Israel	56 (2.4)
Spain	56 (2.2)
Hungary	56 (2.3)
International Average	**53 (0.5)**
Malta	50 (3.2)
Denmark	49 (2.6)
Kazakhstan	45 (1.9) ▼
Slovak Republic	45 (3.1) ▼
Belgium (Flemish)	43 (2.8) ▼
Slovenia	42 (2.9) ▼
Norway (5)	42 (3.0) ▼
United Arab Emirates	41 (1.3) ▼
Saudi Arabia	41 (4.2) ▼
Qatar	32 (2.4) ▼
Chinese Taipei	28 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.8) ▲
British Columbia, Canada	59 (2.5) ▲
Newfoundland & Labrador, Can.	58 (3.1)
Dubai, UAE	57 (2.1)
Alberta, Canada	55 (3.0)
Quebec, Canada	51 (2.7)
Abu Dhabi, UAE	32 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O09 (Oliver and The Griffin): Why does griffin think Oliver will not come back
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	73 (1.4) ▲
Russian Federation	72 (2.3) ▲
Denmark	70 (2.5) ▲
Norway (5)	70 (2.7) ▲
Italy	69 (2.1) ▲
Croatia	69 (3.8) ▲
Lithuania	66 (2.3) ▲
Sweden	63 (3.2)
Germany	63 (2.1) ▲
Spain	63 (2.3) ▲
Czech Republic	62 (2.4)
Hungary	62 (2.8)
Finland	60 (2.0)
New Zealand	59 (2.5)
Chinese Taipei	58 (2.4)
International Average	**58 (0.5)**
Israel	56 (2.4)
Slovenia	55 (3.3)
Portugal	54 (2.4)
Malta	52 (2.9) ▼
Belgium (Flemish)	49 (2.7) ▼
Kazakhstan	47 (2.3) ▼
United Arab Emirates	45 (1.3) ▼
Slovak Republic	44 (3.1) ▼
Saudi Arabia	42 (3.9) ▼
Qatar	38 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	83 (1.7) ▲
Newfoundland & Labrador, Can.	67 (2.8) ▲
Dubai, UAE	66 (1.6) ▲
Quebec, Canada	65 (2.6) ▲
British Columbia, Canada	62 (2.4)
Alberta, Canada	60 (4.0)
Abu Dhabi, UAE	36 (2.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O10 (Oliver and The Griffin): What kind of boy is Oliver
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	49 (1.7) ▲	78 (1.3) ▲
Croatia	43 (3.6) ▲	78 (3.5) ▲
Russian Federation	40 (2.4) ▲	80 (2.0) ▲
Italy	39 (2.4) ▲	73 (2.1) ▲
Denmark	38 (2.7) ▲	66 (2.7)
Czech Republic	36 (2.4) ▲	69 (2.2) ▲
New Zealand	36 (2.2) ▲	64 (2.6)
Norway (5)	35 (2.8)	66 (3.0)
Chinese Taipei	35 (2.5)	66 (2.6)
Spain	33 (2.3)	60 (2.0)
Malta	33 (3.0)	66 (2.4)
Sweden	32 (3.0)	61 (2.9)
Slovak Republic	31 (2.5)	63 (2.8)
Portugal	31 (2.4)	58 (2.3)
International Average	**31 (0.5)**	**62 (0.5)**
Hungary	29 (2.6)	65 (3.0)
Finland	27 (1.9)	62 (2.4)
Germany	25 (2.1) ▼	51 (2.3) ▼
Qatar	24 (2.5) ▼	52 (3.3) ▼
United Arab Emirates	24 (1.4) ▼	49 (1.5) ▼
Slovenia	23 (2.8) ▼	56 (3.3)
Kazakhstan	22 (1.8) ▼	55 (2.3) ▼
Saudi Arabia	21 (3.8) ▼	48 (4.2) ▼
Israel	21 (2.1) ▼	55 (2.7) ▼
Belgium (Flemish)	20 (2.4) ▼	49 (2.4) ▼
Lithuania	16 (1.9) ▼	51 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	50 (2.2) ▲	87 (1.5) ▲
Quebec, Canada	46 (2.4) ▲	85 (2.0) ▲
Alberta, Canada	40 (3.4) ▲	72 (3.0) ▲
Dubai, UAE	38 (1.4) ▲	73 (1.8) ▲
British Columbia, Canada	38 (2.7) ▲	67 (2.7)
Newfoundland & Labrador, Can.	37 (2.8) ▲	70 (2.8) ▲
Abu Dhabi, UAE	19 (2.1) ▼	34 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O11 (Oliver and The Griffin): What is the "silver gleam"
Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	76 (2.5) ▲
Chinese Taipei	68 (2.3) ▲
Singapore	67 (1.5) ▲
Hungary	65 (2.7) ▲
Lithuania	61 (2.4) ▲
New Zealand	61 (2.2) ▲
Croatia	59 (3.7)
Germany	58 (2.3)
Italy	57 (2.0)
Finland	57 (1.4)
Czech Republic	56 (2.3)
Slovak Republic	56 (2.8)
Kazakhstan	55 (2.1)
International Average	**55 (0.5)**
Denmark	54 (2.4)
Slovenia	51 (2.8)
Qatar	51 (2.3)
Malta	50 (2.9)
United Arab Emirates	49 (1.1) ▼
Israel	49 (2.6) ▼
Belgium (Flemish)	48 (2.8) ▼
Portugal	48 (2.4) ▼
Sweden	47 (2.9) ▼
Saudi Arabia	44 (4.5) ▼
Norway (5)	43 (2.7) ▼
Spain	41 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.3) ▲
Dubai, UAE	63 (1.8) ▲
Newfoundland & Labrador, Can.	58 (4.4)
British Columbia, Canada	55 (2.7)
Alberta, Canada	48 (2.9) ▼
Quebec, Canada	45 (2.4) ▼
Abu Dhabi, UAE	43 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41O12 (Oliver and The Griffin): Why does Oliver start digging by the griffin
Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	73 (2.3) ▲
Singapore	73 (1.4) ▲
Finland	72 (2.0) ▲
Czech Republic	71 (2.3) ▲
Denmark	68 (2.5) ▲
Chinese Taipei	67 (2.0) ▲
Italy	67 (2.6) ▲
Germany	65 (2.0) ▲
Norway (5)	65 (2.6)
Sweden	65 (2.6)
Russian Federation	65 (2.3)
New Zealand	64 (2.4)
Spain	63 (2.4)
Croatia	63 (3.7)
Slovak Republic	62 (2.5)
Hungary	62 (2.8)
International Average	**60 (0.5)**
Slovenia	60 (3.1)
Malta	57 (2.8)
Portugal	55 (2.6) ▼
Belgium (Flemish)	55 (2.6) ▼
Kazakhstan	54 (2.5) ▼
United Arab Emirates	44 (1.2) ▼
Israel	43 (2.5) ▼
Qatar	41 (2.2) ▼
Saudi Arabia	37 (4.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.7) ▲
Newfoundland & Labrador, Can.	69 (3.6) ▲
Quebec, Canada	68 (2.1) ▲
British Columbia, Canada	68 (1.8) ▲
Alberta, Canada	62 (2.7)
Dubai, UAE	61 (1.5)
Abu Dhabi, UAE	37 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE41O13 (Oliver and The Griffin): Describe why griffin can not do his job
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	45 (1.7) ▲	62 (1.6) ▲	66 (1.6) ▲
Finland	40 (1.9) ▲	53 (2.1) ▲	59 (2.2) ▲
New Zealand	37 (2.6) ▲	51 (2.8) ▲	57 (2.9) ▲
Croatia	36 (3.5) ▲	47 (3.9)	53 (3.8)
Italy	35 (2.8) ▲	49 (3.2) ▲	58 (3.1) ▲
Sweden	34 (2.7) ▲	52 (2.8) ▲	58 (2.7) ▲
Norway (5)	33 (2.6) ▲	47 (2.9) ▲	52 (2.8)
Hungary	31 (3.0)	43 (3.0)	61 (3.2) ▲
Russian Federation	31 (2.2) ▲	45 (2.4)	53 (2.3)
Czech Republic	30 (2.5)	44 (2.8)	50 (2.9)
Denmark	28 (3.0)	42 (3.2)	55 (3.3)
Germany	27 (1.9)	49 (2.5) ▲	76 (2.0) ▲
International Average	**26 (0.5)**	**41 (0.5)**	**50 (0.6)**
Malta	26 (2.8)	39 (3.2)	48 (3.9)
Slovenia	25 (2.9)	37 (3.2)	43 (3.0) ▼
Israel	24 (2.1)	39 (2.5)	45 (2.8)
Spain	24 (1.8)	43 (2.5)	50 (2.6)
Slovak Republic	23 (2.2)	36 (2.6)	41 (2.9) ▼
United Arab Emirates	23 (1.1) ▼	34 (1.1) ▼	39 (1.3) ▼
Belgium (Flemish)	23 (2.8)	33 (2.8) ▼	40 (3.2) ▼
Lithuania	20 (2.0) ▼	37 (2.5)	43 (2.3) ▼
Portugal	19 (1.9) ▼	36 (2.5)	44 (2.5) ▼
Chinese Taipei	17 (2.1) ▼	35 (2.7) ▼	41 (2.7) ▼
Qatar	12 (1.5) ▼	26 (1.9) ▼	49 (2.8)
Kazakhstan	11 (1.6) ▼	22 (1.9) ▼	38 (2.3) ▼
Saudi Arabia	9 (2.2) ▼	18 (3.2) ▼	27 (3.4) ▼
Benchmarking Participants			
British Columbia, Canada	38 (2.9) ▲	48 (2.8) ▲	56 (2.9) ▲
Dubai, UAE	38 (2.2) ▲	55 (1.8) ▲	61 (1.8) ▲
Moscow City, Russian Fed.	36 (2.2) ▲	54 (2.2) ▲	59 (2.2) ▲
Quebec, Canada	33 (2.3) ▲	50 (2.8) ▲	58 (2.9) ▲
Newfoundland & Labrador, Can.	32 (3.3)	47 (3.6)	57 (3.3) ▲
Alberta, Canada	29 (3.2)	44 (3.5)	53 (3.2)
Abu Dhabi, UAE	21 (1.5) ▼	29 (2.5) ▼	31 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D01 (The Ink Drinker): One thing that shows the father likes books
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	96 (0.6) ▲
Croatia	93 (1.2) ▲
Chinese Taipei	93 (1.2) ▲
Lithuania	92 (1.3) ▲
Hungary	91 (1.4) ▲
Finland	90 (1.1) ▲
Russian Federation	90 (1.2) ▲
Norway (5)	90 (1.6) ▲
Italy	85 (1.8)
Israel	85 (1.6)
Malta	83 (2.4)
International Average	**82 (0.4)**
Sweden	81 (2.0)
Slovenia	80 (2.5)
Portugal	79 (1.7)
New Zealand	78 (1.9)
Qatar	78 (2.1)
Denmark	78 (1.8) ▼
Slovak Republic	77 (2.8)
Kazakhstan	77 (1.7) ▼
Czech Republic	77 (2.3) ▼
Spain	76 (1.6) ▼
United Arab Emirates	74 (1.0) ▼
Belgium (Flemish)	73 (2.8) ▼
Germany	68 (2.0) ▼
Saudi Arabia	60 (4.2) ▼
Benchmarking Participants	
Quebec, Canada	96 (0.8) ▲
Moscow City, Russian Fed.	93 (1.2) ▲
Alberta, Canada	88 (2.1) ▲
Dubai, UAE	86 (1.3) ▲
British Columbia, Canada	84 (1.8)
Newfoundland & Labrador, Can.	83 (2.7)
Abu Dhabi, UAE	68 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D02 (The Ink Drinker): The doctor doesn't worry about the father
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	68 (2.4) ▲
Singapore	67 (1.4) ▲
Russian Federation	66 (2.5) ▲
Lithuania	65 (2.7) ▲
Italy	63 (2.2) ▲
Hungary	63 (2.5) ▲
Israel	59 (2.4) ▲
Croatia	57 (3.8)
Spain	57 (2.0)
Portugal	56 (2.0)
Slovak Republic	55 (3.9)
Finland	54 (2.1)
International Average	**53 (0.5)**
Slovenia	53 (3.1)
Czech Republic	52 (2.1)
Germany	51 (2.1)
Malta	51 (3.3)
Sweden	51 (2.6)
Saudi Arabia	46 (4.4)
Belgium (Flemish)	45 (2.9) ▼
Denmark	45 (2.5) ▼
New Zealand	45 (2.8) ▼
Norway (5)	45 (2.7) ▼
Kazakhstan	44 (2.1) ▼
United Arab Emirates	41 (1.1) ▼
Qatar	32 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	81 (1.8) ▲
Quebec, Canada	75 (2.3) ▲
Dubai, UAE	55 (2.1)
Newfoundland & Labrador, Can.	47 (3.7)
Alberta, Canada	43 (2.4) ▼
British Columbia, Canada	40 (2.8) ▼
Abu Dhabi, UAE	32 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D03 (The Ink Drinker): Boy and father are alike
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	72 (1.5) ▲
Israel	72 (2.0) ▲
Chinese Taipei	72 (1.8) ▲
Sweden	70 (2.5) ▲
Norway (5)	70 (3.1) ▲
Czech Republic	69 (2.7) ▲
Germany	68 (2.2) ▲
Hungary	67 (2.4) ▲
Belgium (Flemish)	66 (3.2) ▲
Finland	66 (1.7) ▲
Croatia	66 (3.6)
Russian Federation	64 (2.5) ▲
Portugal	62 (2.0)
Slovenia	61 (2.6)
Kazakhstan	61 (2.0)
Slovak Republic	59 (3.8)
International Average	**59 (0.5)**
Malta	58 (2.2)
United Arab Emirates	51 (1.2) ▼
Qatar	49 (2.7) ▼
Spain	48 (2.2) ▼
New Zealand	46 (2.5) ▼
Lithuania	44 (2.8) ▼
Italy	42 (3.1) ▼
Saudi Arabia	21 (3.7) ▼
Denmark	– –
Benchmarking Participants	
Moscow City, Russian Fed.	74 (2.2) ▲
Alberta, Canada	65 (3.2)
Dubai, UAE	65 (1.4) ▲
Newfoundland & Labrador, Can.	63 (3.9)
British Columbia, Canada	55 (2.6)
Quebec, Canada	55 (3.0)
Abu Dhabi, UAE	34 (2.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE51D04 (The Ink Drinker): Why the boy spending his vacation in the bookstore
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	82 (1.2) ▲
Russian Federation	82 (1.7) ▲
Lithuania	82 (1.9) ▲
Sweden	78 (2.2) ▲
Norway (5)	78 (2.1) ▲
Italy	74 (1.9) ▲
Czech Republic	74 (2.1) ▲
Hungary	73 (2.7)
Israel	73 (1.8) ▲
Slovenia	73 (2.4)
Denmark	72 (2.4)
Finland	72 (1.3) ▲
Malta	71 (2.8)
Slovak Republic	71 (3.1)
Kazakhstan	69 (2.1)
International Average	**69 (0.5)**
Croatia	69 (3.5)
New Zealand	65 (2.3)
Spain	65 (1.6) ▼
Portugal	65 (2.3)
Germany	64 (2.3) ▼
Belgium (Flemish)	61 (3.3) ▼
Chinese Taipei	60 (2.3) ▼
Qatar	55 (2.1) ▼
United Arab Emirates	55 (1.2) ▼
Saudi Arabia	43 (5.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.1) ▲
Newfoundland & Labrador, Can.	75 (2.8) ▲
Quebec, Canada	74 (2.1) ▲
Alberta, Canada	72 (3.0)
British Columbia, Canada	72 (2.3)
Dubai, UAE	69 (1.7)
Abu Dhabi, UAE	50 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D05 (The Ink Drinker): What is the only fun thing to do in the bookstore
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	81 (1.3) ▲
Italy	79 (2.0) ▲
Croatia	79 (2.7) ▲
Lithuania	77 (2.0) ▲
Denmark	77 (2.2) ▲
Kazakhstan	76 (1.6) ▲
Norway (5)	75 (2.4) ▲
Russian Federation	75 (2.5) ▲
Israel	74 (2.0) ▲
Czech Republic	74 (2.3)
Sweden	74 (2.6)
Finland	74 (1.4) ▲
Spain	73 (2.0)
Slovenia	71 (2.8)
Slovak Republic	70 (4.6)
International Average	**70 (0.5)**
Chinese Taipei	70 (2.2)
Portugal	68 (2.1)
Belgium (Flemish)	68 (2.9)
Hungary	66 (2.3)
Germany	65 (2.3) ▼
New Zealand	63 (2.4) ▼
Malta	61 (3.3) ▼
United Arab Emirates	60 (1.6) ▼
Saudi Arabia	54 (4.0) ▼
Qatar	45 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.5) ▲
Quebec, Canada	81 (1.7) ▲
Alberta, Canada	71 (3.1)
Dubai, UAE	70 (1.7)
British Columbia, Canada	62 (2.6) ▼
Newfoundland & Labrador, Can.	60 (3.2) ▼
Abu Dhabi, UAE	50 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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RE51D06 (The Ink Drinker): What does he do in the story that makes him a spy
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Slovak Republic	51 (4.2) ▲	80 (2.7)
Croatia	46 (3.4) ▲	86 (2.2) ▲
Germany	46 (2.8) ▲	78 (2.2)
Lithuania	45 (3.0) ▲	84 (1.9) ▲
Singapore	44 (1.6) ▲	89 (1.1) ▲
Finland	42 (1.8) ▲	78 (1.7)
Norway (5)	41 (3.0)	80 (2.4)
Russian Federation	39 (2.6)	84 (2.4) ▲
New Zealand	38 (2.6)	78 (2.2)
Portugal	38 (2.3)	79 (1.9)
Hungary	37 (2.4)	74 (2.4)
Denmark	37 (2.2)	83 (2.4) ▲
International Average	**37 (0.5)**	**77 (0.5)**
Czech Republic	35 (2.4)	80 (2.0)
Sweden	35 (3.0)	76 (3.0)
Chinese Taipei	35 (2.6)	77 (2.1)
Qatar	34 (1.8)	67 (2.2) ▼
Kazakhstan	33 (2.1)	78 (2.0)
Spain	32 (1.8) ▼	81 (1.4) ▲
Italy	31 (2.5) ▼	80 (2.0)
Malta	30 (3.2) ▼	78 (2.6)
Israel	30 (2.3) ▼	71 (2.4) ▼
United Arab Emirates	29 (1.2) ▼	68 (1.0) ▼
Slovenia	29 (3.1) ▼	68 (2.6) ▼
Saudi Arabia	28 (4.6)	57 (4.1) ▼
Belgium (Flemish)	27 (2.8) ▼	80 (2.2)
Benchmarking Participants		
Moscow City, Russian Fed.	50 (2.0) ▲	91 (1.2) ▲
Quebec, Canada	50 (2.8) ▲	90 (1.4) ▲
Dubai, UAE	42 (1.5) ▲	83 (1.6) ▲
British Columbia, Canada	37 (2.4)	75 (2.4)
Newfoundland & Labrador, Can.	32 (2.7)	74 (3.2)
Alberta, Canada	32 (2.9)	86 (2.2) ▲
Abu Dhabi, UAE	23 (1.7) ▼	57 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D07 (The Ink Drinker): The strange customer felt happy when he drank
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	72 (1.4) ▲
Croatia	59 (3.1) ▲
Czech Republic	59 (2.7) ▲
Chinese Taipei	56 (2.4) ▲
Italy	50 (2.7) ▲
Israel	49 (2.4) ▲
Finland	47 (2.2) ▲
Malta	46 (3.4)
Kazakhstan	44 (2.1)
Germany	42 (2.3)
Slovenia	42 (3.3)
International Average	**41 (0.5)**
Russian Federation	41 (2.3)
New Zealand	39 (2.6)
Sweden	39 (2.8)
Belgium (Flemish)	38 (3.6)
United Arab Emirates	35 (1.2) ▼
Lithuania	34 (2.3) ▼
Denmark	33 (2.6) ▼
Qatar	32 (2.7) ▼
Hungary	32 (2.5) ▼
Norway (5)	31 (2.7) ▼
Portugal	31 (2.1) ▼
Slovak Republic	30 (3.5) ▼
Spain	29 (2.4) ▼
Saudi Arabia	29 (4.2) ▼
Benchmarking Participants	
Quebec, Canada	55 (2.7) ▲
Dubai, UAE	48 (1.8) ▲
Alberta, Canada	42 (3.0)
Moscow City, Russian Fed.	40 (2.0)
Newfoundland & Labrador, Can.	38 (2.8)
British Columbia, Canada	37 (2.6)
Abu Dhabi, UAE	24 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D08 (The Ink Drinker): What happened when the boy gasped in surprise
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	80 (2.3) ▲
Italy	73 (2.0) ▲
Finland	72 (1.5) ▲
Spain	72 (2.2) ▲
Croatia	71 (3.3) ▲
Lithuania	70 (2.7) ▲
Portugal	69 (2.1) ▲
Czech Republic	69 (2.4) ▲
Kazakhstan	68 (1.7) ▲
Israel	67 (2.4)
Singapore	66 (1.4) ▲
Germany	66 (2.4)
Hungary	65 (2.5)
Norway (5)	64 (2.8)
International Average	**63 (0.5)**
Denmark	62 (2.6)
Sweden	62 (2.4)
New Zealand	59 (2.4)
Slovenia	58 (3.4)
Belgium (Flemish)	56 (2.9) ▼
Chinese Taipei	56 (2.7) ▼
Slovak Republic	55 (4.1) ▼
Malta	55 (2.8) ▼
Qatar	54 (2.3) ▼
United Arab Emirates	50 (1.4) ▼
Saudi Arabia	37 (4.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.2) ▲
Quebec, Canada	86 (1.8) ▲
Alberta, Canada	66 (3.0)
Newfoundland & Labrador, Can.	66 (3.7)
Dubai, UAE	65 (1.8)
British Columbia, Canada	63 (2.4)
Abu Dhabi, UAE	39 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D09 (The Ink Drinker): First feeling when he started drinking the book
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	74 (1.5) ▲
Russian Federation	67 (2.5) ▲
Lithuania	67 (2.5) ▲
Sweden	67 (2.9) ▲
Malta	57 (2.7) ▲
Finland	56 (1.8) ▲
Italy	56 (2.4)
Denmark	55 (2.4)
Norway (5)	55 (2.6)
Chinese Taipei	53 (2.6)
New Zealand	53 (2.4)
Hungary	52 (2.8)
Croatia	52 (4.0)
Spain	51 (2.3)
International Average	**51 (0.5)**
Czech Republic	51 (2.2)
Portugal	50 (2.1)
United Arab Emirates	48 (1.3) ▼
Kazakhstan	48 (1.8)
Qatar	47 (2.9)
Germany	45 (2.3) ▼
Israel	41 (2.7) ▼
Slovenia	36 (3.0) ▼
Slovak Republic	33 (3.7) ▼
Belgium (Flemish)	32 (2.8) ▼
Saudi Arabia	31 (4.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.6) ▲
Dubai, UAE	61 (1.6) ▲
Quebec, Canada	59 (2.5) ▲
Alberta, Canada	57 (3.0)
Newfoundland & Labrador, Can.	55 (2.1)
British Columbia, Canada	52 (3.1)
Abu Dhabi, UAE	44 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D10 (The Ink Drinker): Why colored background next to text of pirate
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	60 (1.6) ▲	71 (1.3) ▲
Czech Republic	53 (2.4) ▲	58 (2.3) ▲
Chinese Taipei	51 (2.5) ▲	53 (2.6) ▲
Sweden	50 (2.8) ▲	58 (2.7) ▲
Italy	50 (2.5) ▲	56 (2.6) ▲
Finland	47 (1.6) ▲	52 (2.0) ▲
Denmark	47 (2.5) ▲	58 (2.4) ▲
Croatia	45 (3.9)	53 (4.0)
Russian Federation	43 (2.7)	52 (2.3) ▲
Hungary	43 (2.6)	48 (2.9)
Lithuania	42 (3.0)	53 (3.1) ▲
Germany	39 (2.5)	48 (2.6)
International Average	**39 (0.5)**	**47 (0.5)**
Slovak Republic	36 (3.4)	47 (3.5)
New Zealand	36 (2.4)	40 (2.5) ▼
Israel	34 (2.2) ▼	40 (2.5) ▼
Belgium (Flemish)	33 (3.0)	43 (2.8)
Norway (5)	33 (2.5) ▼	46 (2.5)
Portugal	33 (2.1) ▼	40 (2.2) ▼
Kazakhstan	32 (2.0) ▼	43 (2.4)
Malta	32 (2.9) ▼	46 (2.9)
Slovenia	31 (2.2) ▼	35 (2.3) ▼
Spain	29 (2.1) ▼	39 (2.1) ▼
United Arab Emirates	26 (1.1) ▼	35 (1.2) ▼
Qatar	25 (1.9) ▼	30 (2.7) ▼
Saudi Arabia	15 (3.3) ▼	24 (4.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	56 (2.3) ▲	59 (2.2) ▲
Quebec, Canada	47 (2.9) ▲	64 (2.2) ▲
Alberta, Canada	43 (3.3)	57 (3.2) ▲
British Columbia, Canada	41 (2.7)	50 (2.4)
Dubai, UAE	37 (2.0)	51 (2.4)
Newfoundland & Labrador, Can.	37 (3.4)	52 (4.1)
Abu Dhabi, UAE	20 (2.1) ▼	28 (2.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D11 (The Ink Drinker): Evidence the boy could have dreamed (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	52 (2.0) ▲	83 (1.6) ▲
Singapore	52 (1.7) ▲	86 (1.1) ▲
Sweden	44 (3.0) ▲	81 (2.5) ▲
Croatia	40 (4.0) ▲	85 (3.2) ▲
Hungary	39 (2.7) ▲	76 (2.7)
Israel	38 (2.8) ▲	73 (2.3)
Czech Republic	36 (1.9) ▲	73 (1.8)
Lithuania	35 (2.4)	74 (2.3)
Norway (5)	33 (2.5)	73 (2.5)
International Average	**32 (0.5)**	**71 (0.5)**
Denmark	30 (2.9)	67 (2.9)
Portugal	30 (2.3)	71 (2.1)
Spain	29 (2.1)	69 (2.1)
Kazakhstan	29 (2.1)	68 (2.5)
Finland	29 (1.7)	75 (1.8) ▲
Slovenia	28 (2.9)	69 (3.0)
Germany	27 (2.4)	72 (2.1)
Malta	27 (2.9)	66 (2.3) ▼
United Arab Emirates	26 (1.0) ▼	61 (1.0) ▼
Slovak Republic	26 (3.0) ▼	69 (5.2)
Qatar	26 (2.5) ▼	62 (2.8) ▼
New Zealand	25 (2.2) ▼	69 (2.5)
Italy	25 (2.4) ▼	70 (2.5)
Chinese Taipei	25 (2.2) ▼	71 (2.6)
Belgium (Flemish)	22 (3.1) ▼	64 (3.3) ▼
Saudi Arabia	15 (3.4) ▼	47 (4.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (2.0) ▲	87 (1.4) ▲
Quebec, Canada	45 (2.6) ▲	85 (2.0) ▲
Dubai, UAE	35 (1.4) ▲	74 (1.3) ▲
Newfoundland & Labrador, Can.	34 (2.6)	73 (3.5)
Alberta, Canada	33 (3.7)	74 (2.7)
British Columbia, Canada	30 (2.7)	67 (2.9)
Abu Dhabi, UAE	21 (2.0) ▼	50 (2.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D11A (The Ink Drinker): Evidence the boy dreamed the strange customer
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	67 (1.8) ▲
Croatia	67 (3.8) ▲
Sweden	65 (2.9) ▲
Singapore	64 (1.8) ▲
Hungary	63 (2.8) ▲
Finland	62 (2.2) ▲
Germany	62 (2.4) ▲
Czech Republic	62 (2.4) ▲
Lithuania	60 (2.5)
Slovenia	58 (3.0)
Israel	58 (2.6)
Chinese Taipei	57 (2.9)
Norway (5)	56 (2.9)
International Average	**56 (0.6)**
Kazakhstan	55 (2.4)
Spain	55 (2.1)
Italy	54 (2.4)
Denmark	52 (3.4)
New Zealand	51 (2.2) ▼
Belgium (Flemish)	51 (3.7)
Portugal	51 (2.7)
Malta	48 (2.7) ▼
Slovak Republic	48 (4.4)
Qatar	47 (2.7) ▼
United Arab Emirates	47 (1.1) ▼
Saudi Arabia	35 (4.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.5) ▲
Quebec, Canada	67 (2.3) ▲
Alberta, Canada	61 (2.7)
Dubai, UAE	57 (1.6)
Newfoundland & Labrador, Can.	55 (3.5)
British Columbia, Canada	51 (3.0)
Abu Dhabi, UAE	38 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D11B (The Ink Drinker): Evidence the boy dreamed about his sea adventure
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	76 (1.3) ▲
Russian Federation	74 (2.0) ▲
Sweden	66 (3.0) ▲
Croatia	65 (4.1) ▲
Israel	59 (3.0) ▲
Portugal	57 (2.2) ▲
Czech Republic	56 (2.3)
Hungary	54 (3.0)
Lithuania	54 (2.5)
Norway (5)	54 (2.8)
Slovak Republic	52 (4.7)
International Average	**51 (0.6)**
Denmark	51 (3.0)
Italy	48 (3.0)
Malta	48 (2.4)
Spain	48 (2.3)
New Zealand	46 (2.8)
Slovenia	45 (3.3) ▼
Chinese Taipei	44 (2.7) ▼
Finland	44 (2.0) ▼
Germany	44 (2.6) ▼
Kazakhstan	44 (2.4) ▼
Qatar	43 (2.9) ▼
United Arab Emirates	42 (1.1) ▼
Belgium (Flemish)	38 (3.6) ▼
Saudi Arabia	30 (4.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (2.0) ▲
Quebec, Canada	66 (3.2) ▲
Newfoundland & Labrador, Can.	57 (3.2)
Dubai, UAE	55 (1.6)
British Columbia, Canada	50 (3.0)
Alberta, Canada	49 (3.9)
Abu Dhabi, UAE	35 (2.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D12 (The Ink Drinker): The boy's feeling about books in story (DERIVED)
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	49 (1.7) ▲	74 (1.4) ▲	87 (1.1)
Denmark	39 (2.5) ▲	75 (2.1) ▲	92 (1.3) ▲
Lithuania	39 (3.2) ▲	75 (2.4) ▲	91 (1.7) ▲
Sweden	38 (2.9) ▲	79 (2.1) ▲	91 (1.5) ▲
Russian Federation	36 (2.7) ▲	80 (2.3) ▲	94 (1.4) ▲
Slovenia	35 (2.6) ▲	70 (3.0)	88 (2.1)
Israel	33 (2.5) ▲	70 (2.2) ▲	88 (1.6) ▲
New Zealand	32 (2.2)	63 (2.4)	82 (1.8) ▼
Croatia	31 (3.5)	81 (3.1) ▲	92 (2.3) ▲
Italy	30 (2.3)	74 (2.5) ▲	95 (1.3) ▲
Finland	28 (2.0)	65 (1.9)	89 (1.4) ▲
Hungary	28 (2.4)	68 (2.7)	84 (1.8)
Germany	28 (2.0)	71 (2.0) ▲	90 (1.5) ▲
International Average	**27 (0.5)**	**65 (0.5)**	**85 (0.4)**
Czech Republic	27 (2.2)	64 (2.6)	88 (1.9)
Portugal	24 (2.1)	56 (2.4) ▼	83 (2.0)
Spain	24 (1.9)	55 (2.1) ▼	86 (1.6)
Slovak Republic	22 (2.8) ▼	72 (3.0) ▲	89 (1.8) ▲
United Arab Emirates	21 (1.0) ▼	51 (1.1) ▼	69 (1.1) ▼
Malta	21 (2.6) ▼	52 (3.1) ▼	77 (2.8) ▼
Belgium (Flemish)	21 (2.8) ▼	54 (2.9) ▼	80 (2.2) ▼
Norway (5)	19 (2.2) ▼	63 (2.5)	89 (1.9) ▲
Chinese Taipei	19 (2.4) ▼	63 (2.7)	84 (1.8)
Qatar	18 (1.7) ▼	51 (2.5) ▼	76 (2.1) ▼
Kazakhstan	16 (1.6) ▼	67 (2.3)	84 (1.9)
Saudi Arabia	9 (2.9) ▼	33 (4.7) ▼	56 (3.9) ▼
Benchmarking Participants			
Quebec, Canada	48 (2.5) ▲	80 (2.0) ▲	95 (1.0) ▲
Alberta, Canada	37 (2.9) ▲	66 (2.9)	87 (2.0)
Moscow City, Russian Fed.	33 (2.1) ▲	73 (1.8) ▲	92 (1.1) ▲
Dubai, UAE	33 (2.1) ▲	68 (1.5)	83 (1.5)
British Columbia, Canada	32 (2.7)	68 (2.9)	87 (1.9)
Newfoundland & Labrador, Can.	31 (3.1)	67 (3.2)	87 (2.4)
Abu Dhabi, UAE	15 (1.8) ▼	42 (2.7) ▼	59 (2.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D12A (The Ink Drinker): Feelings about books at the beginning
Constructed Response (1 Point)

Country	Percent Full Credit
Italy	91 (1.6) ▲
Lithuania	88 (2.1) ▲
Croatia	87 (2.6) ▲
Sweden	86 (2.0) ▲
Germany	85 (1.6) ▲
Norway (5)	85 (2.2) ▲
Russian Federation	84 (2.0) ▲
Denmark	82 (1.9) ▲
Finland	82 (2.0) ▲
Chinese Taipei	80 (2.0) ▲
Slovak Republic	79 (2.7)
Israel	78 (2.2) ▲
Slovenia	78 (2.8)
Hungary	78 (2.2)
Kazakhstan	74 (1.8)
International Average	**74 (0.5)**
Czech Republic	73 (2.3)
Singapore	73 (1.4)
Spain	72 (1.9)
New Zealand	66 (2.5) ▼
Portugal	65 (2.3) ▼
Qatar	58 (2.7) ▼
Belgium (Flemish)	58 (3.2) ▼
United Arab Emirates	57 (1.2) ▼
Malta	54 (3.4) ▼
Saudi Arabia	34 (4.9) ▼
Benchmarking Participants	
Quebec, Canada	90 (1.5) ▲
Moscow City, Russian Fed.	80 (1.7) ▲
Newfoundland & Labrador, Can.	76 (2.2)
British Columbia, Canada	74 (2.4)
Dubai, UAE	71 (1.7)
Alberta, Canada	71 (2.5)
Abu Dhabi, UAE	47 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D12B (The Ink Drinker): Feelings at the end and why they changed
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	57 (1.7) ▲	82 (1.3) ▲
Denmark	43 (2.4) ▲	85 (1.7) ▲
Lithuania	41 (3.3) ▲	80 (2.3)
Russian Federation	40 (2.8) ▲	90 (1.4) ▲
Sweden	40 (3.0) ▲	88 (1.8) ▲
Slovenia	38 (2.8) ▲	83 (2.1) ▲
New Zealand	37 (2.5) ▲	76 (1.8)
Croatia	35 (3.6)	88 (2.6) ▲
Israel	34 (2.5)	83 (2.0) ▲
Italy	33 (2.4)	81 (2.2) ▲
Czech Republic	32 (2.4)	81 (2.2)
Portugal	32 (2.3)	75 (2.2)
International Average	**31 (0.5)**	**77 (0.4)**
Finland	30 (2.2)	75 (1.8)
Hungary	30 (2.4)	76 (2.7)
Germany	30 (2.2)	82 (1.9) ▲
Spain	29 (2.1)	68 (2.3) ▼
Malta	27 (2.7)	74 (2.6)
Belgium (Flemish)	26 (3.0)	74 (2.3)
Slovak Republic	25 (3.2) ▼	84 (2.1) ▲
United Arab Emirates	25 (1.2) ▼	63 (1.0) ▼
Chinese Taipei	23 (2.5) ▼	74 (2.2)
Qatar	22 (1.9) ▼	68 (2.5) ▼
Norway (5)	20 (2.2) ▼	69 (2.4) ▼
Kazakhstan	18 (1.6) ▼	78 (2.1)
Saudi Arabia	16 (3.6) ▼	51 (4.0) ▼
Benchmarking Participants		
Quebec, Canada	52 (2.5) ▲	86 (1.9) ▲
Alberta, Canada	45 (3.2) ▲	80 (2.2)
Moscow City, Russian Fed.	37 (2.1) ▲	83 (1.5) ▲
Dubai, UAE	37 (2.1) ▲	78 (1.2)
Newfoundland & Labrador, Can.	36 (3.0)	83 (2.3) ▲
British Columbia, Canada	34 (2.8)	81 (2.6)
Abu Dhabi, UAE	19 (2.2) ▼	53 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D13 (The Ink Drinker): The author compares reading to eating and drinking
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	86 (2.0) ▲
Russian Federation	77 (2.2) ▲
Hungary	73 (2.8) ▲
Israel	70 (2.4) ▲
Singapore	70 (1.4) ▲
Czech Republic	68 (2.7) ▲
Italy	67 (2.7)
Sweden	66 (2.8)
Lithuania	66 (2.5)
Finland	66 (1.4) ▲
Slovenia	63 (3.2)
Norway (5)	63 (3.1)
Germany	62 (3.0)
Belgium (Flemish)	62 (3.1)
International Average	**62 (0.6)**
Denmark	62 (2.6)
New Zealand	61 (2.6)
Portugal	60 (2.9)
Slovak Republic	59 (4.1)
Chinese Taipei	59 (2.7)
Qatar	57 (2.8)
United Arab Emirates	54 (1.1) ▼
Spain	50 (2.6) ▼
Malta	47 (3.4) ▼
Saudi Arabia	41 (4.5) ▼
Kazakhstan	41 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (1.7) ▲
Quebec, Canada	72 (2.7) ▲
Dubai, UAE	69 (1.8) ▲
Newfoundland & Labrador, Can.	63 (3.6)
Alberta, Canada	62 (4.0)
British Columbia, Canada	54 (3.1) ▼
Abu Dhabi, UAE	40 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D14 (The Ink Drinker): What the boy may have learned from the customer
Multiple Choice (Key is C)

Country	Percent Full Credit
Slovak Republic	73 (3.1) ▲
Singapore	72 (1.3) ▲
Italy	71 (2.0) ▲
Chinese Taipei	69 (2.4) ▲
Slovenia	69 (2.9) ▲
Lithuania	69 (2.3) ▲
Israel	69 (2.2) ▲
Hungary	68 (2.4) ▲
Finland	66 (1.6) ▲
Russian Federation	65 (2.5)
Croatia	62 (3.3)
Germany	61 (2.5)
International Average	**60 (0.5)**
Portugal	60 (2.4)
Malta	59 (3.0)
Denmark	59 (2.7)
Spain	59 (2.2)
Norway (5)	58 (3.0)
Sweden	57 (2.7)
Kazakhstan	56 (2.2) ▼
Qatar	51 (2.4) ▼
New Zealand	51 (2.8) ▼
United Arab Emirates	51 (1.5) ▼
Belgium (Flemish)	47 (3.7) ▼
Saudi Arabia	40 (4.6) ▼
Czech Republic	40 (2.1) ▼
Benchmarking Participants	
Quebec, Canada	79 (1.7) ▲
Moscow City, Russian Fed.	78 (1.8) ▲
Dubai, UAE	65 (1.8) ▲
British Columbia, Canada	59 (2.9)
Newfoundland & Labrador, Can.	55 (2.6)
Alberta, Canada	52 (3.0) ▼
Abu Dhabi, UAE	43 (3.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D15 (The Ink Drinker): One story in a bookstore. Purpose of other story
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	33 (2.7) ▲	50 (2.2) ▲
Singapore	26 (1.6) ▲	67 (1.5) ▲
Israel	24 (2.7) ▲	58 (2.7) ▲
Italy	20 (2.1) ▲	46 (2.7) ▲
Czech Republic	20 (1.8) ▲	35 (2.2)
Slovak Republic	19 (2.9)	55 (3.3) ▲
Qatar	16 (2.1)	35 (2.9)
Sweden	16 (2.4)	35 (2.8)
New Zealand	16 (1.6)	35 (2.5)
Malta	15 (2.6)	29 (3.6)
Denmark	15 (1.9)	30 (2.8)
International Average	**15 (0.4)**	**34 (0.5)**
United Arab Emirates	15 (1.0)	31 (1.1) ▼
Lithuania	15 (2.1)	28 (2.8) ▼
Portugal	13 (1.9)	28 (2.7) ▼
Slovenia	13 (2.0)	28 (2.6) ▼
Finland	13 (1.5)	32 (2.5)
Kazakhstan	11 (1.3) ▼	30 (2.1) ▼
Croatia	10 (1.8) ▼	32 (3.2)
Germany	10 (1.7) ▼	34 (2.6)
Hungary	10 (2.1) ▼	20 (2.5) ▼
Spain	10 (1.4) ▼	16 (1.5) ▼
Chinese Taipei	10 (1.7) ▼	33 (2.8)
Norway (5)	9 (1.4) ▼	29 (2.5) ▼
Belgium (Flemish)	8 (2.1) ▼	23 (2.7) ▼
Saudi Arabia	7 (2.9) ▼	19 (4.0) ▼
Benchmarking Participants		
Quebec, Canada	49 (2.6) ▲	73 (2.4) ▲
Moscow City, Russian Fed.	46 (2.3) ▲	55 (2.2) ▲
Newfoundland & Labrador, Can.	29 (2.9) ▲	58 (3.6) ▲
Alberta, Canada	29 (3.0) ▲	54 (3.7) ▲
British Columbia, Canada	23 (1.9) ▲	44 (2.9) ▲
Dubai, UAE	23 (1.5) ▲	45 (2.1) ▲
Abu Dhabi, UAE	12 (1.3) ▼	23 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51D16 (The Ink Drinker): Is "The Ink Drinker" a good title for this story
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	77 (1.3) ▲
Lithuania	66 (2.8) ▲
Slovak Republic	62 (3.8) ▲
Sweden	61 (2.7) ▲
Israel	60 (2.5) ▲
Portugal	56 (2.7) ▲
Russian Federation	56 (2.7) ▲
Croatia	55 (3.3) ▲
Finland	53 (2.1) ▲
New Zealand	53 (2.4) ▲
Belgium (Flemish)	51 (3.0)
Slovenia	50 (3.1)
Norway (5)	50 (2.6)
Spain	49 (2.0)
International Average	**48 (0.5)**
Malta	48 (3.5)
Italy	45 (3.1)
Hungary	44 (2.6)
Qatar	42 (2.1) ▼
Denmark	39 (2.9) ▼
United Arab Emirates	37 (1.0) ▼
Germany	34 (2.4) ▼
Kazakhstan	33 (2.4) ▼
Czech Republic	33 (2.0) ▼
Chinese Taipei	26 (2.2) ▼
Saudi Arabia	20 (3.9) ▼
Benchmarking Participants	
Quebec, Canada	59 (2.2) ▲
Alberta, Canada	57 (3.0) ▲
Dubai, UAE	56 (1.5) ▲
Newfoundland & Labrador, Can.	55 (2.8) ▲
Moscow City, Russian Fed.	55 (2.2) ▲
British Columbia, Canada	51 (2.2)
Abu Dhabi, UAE	29 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M01 (The Empty Pot): Why Emperor held contest
Multiple Choice (Key is B)

Country	Percent Full Credit
Croatia	96 (1.1) ▲
Chinese Taipei	95 (1.2) ▲
Russian Federation	93 (1.1) ▲
Slovak Republic	93 (1.3) ▲
Singapore	92 (0.8) ▲
Denmark	92 (1.7) ▲
Italy	91 (1.8) ▲
Lithuania	91 (1.3) ▲
Slovenia	90 (1.5) ▲
Finland	89 (1.2) ▲
Norway (5)	88 (1.5)
Spain	88 (1.4)
Germany	87 (1.7)
Czech Republic	87 (1.7)
Hungary	87 (1.6)
Portugal	86 (1.5)
Belgium (Flemish)	86 (2.0)
International Average	**86 (0.3)**
Sweden	84 (2.4)
Israel	82 (1.8) ▼
New Zealand	81 (1.9) ▼
Malta	80 (2.4) ▼
Kazakhstan	75 (2.0) ▼
United Arab Emirates	73 (0.8) ▼
Qatar	71 (1.8) ▼
Saudi Arabia	68 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.8) ▲
Alberta, Canada	90 (2.3) ▲
Quebec, Canada	89 (1.7) ▲
Dubai, UAE	85 (1.1)
Newfoundland & Labrador, Can.	82 (2.7)
British Columbia, Canada	82 (1.8) ▼
Abu Dhabi, UAE	63 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE31M02 (The Empty Pot): What each child received
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	96 (1.0) ▲
Lithuania	96 (1.4) ▲
Chinese Taipei	95 (0.9) ▲
Singapore	94 (0.7) ▲
Slovenia	93 (1.2) ▲
Russian Federation	92 (1.4) ▲
Denmark	91 (1.8) ▲
Finland	91 (1.1) ▲
Czech Republic	91 (1.4) ▲
Slovak Republic	91 (1.9) ▲
Sweden	90 (1.7) ▲
Norway (5)	89 (1.7) ▲
Hungary	87 (1.8)
Italy	86 (1.6)
International Average	**85 (0.3)**
Germany	84 (1.5)
Portugal	83 (1.5)
Spain	82 (1.9)
New Zealand	82 (1.7) ▼
Kazakhstan	81 (1.8) ▼
Israel	80 (2.0) ▼
Belgium (Flemish)	77 (2.2) ▼
Malta	75 (2.8) ▼
United Arab Emirates	72 (0.8) ▼
Qatar	71 (2.6) ▼
Saudi Arabia	64 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.9) ▲
Alberta, Canada	90 (2.3)
Dubai, UAE	89 (0.7) ▲
Quebec, Canada	87 (1.5)
British Columbia, Canada	86 (2.0)
Newfoundland & Labrador, Can.	81 (1.9) ▼
Abu Dhabi, UAE	59 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M03 (The Empty Pot): Why called precious possibility
Multiple Choice (Key is A)

Country	Percent Full Credit
Slovenia	77 (2.5) ▲
Russian Federation	77 (2.3) ▲
Belgium (Flemish)	77 (2.8) ▲
Denmark	77 (2.0) ▲
Norway (5)	76 (2.6) ▲
Finland	75 (2.0) ▲
Italy	74 (2.3) ▲
Singapore	74 (1.5) ▲
Germany	74 (1.9) ▲
Lithuania	73 (2.5) ▲
Croatia	72 (3.2)
Chinese Taipei	71 (2.6)
Slovak Republic	70 (2.7)
Czech Republic	68 (2.2)
International Average	**68 (0.5)**
Sweden	68 (2.7)
Hungary	66 (2.8)
New Zealand	64 (2.5)
Spain	64 (2.3)
Portugal	62 (2.7) ▼
Malta	60 (3.3) ▼
Saudi Arabia	57 (3.3) ▼
Kazakhstan	56 (2.3) ▼
Israel	56 (2.3) ▼
United Arab Emirates	56 (1.0) ▼
Qatar	54 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	83 (1.8) ▲
Quebec, Canada	76 (2.5) ▲
Alberta, Canada	72 (3.1)
Dubai, UAE	71 (1.4) ▲
British Columbia, Canada	69 (2.6)
Newfoundland & Labrador, Can.	65 (2.9)
Abu Dhabi, UAE	48 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M04 (The Empty Pot): How Jun is best gardener
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	68 (1.8) ▲
Sweden	67 (2.9) ▲
Croatia	66 (3.8) ▲
Czech Republic	64 (2.5) ▲
Norway (5)	63 (2.6) ▲
Hungary	58 (3.3) ▲
Finland	53 (2.6)
Chinese Taipei	51 (2.5)
Qatar	51 (2.4)
Belgium (Flemish)	50 (2.9)
Israel	49 (2.5)
International Average	**49 (0.5)**
United Arab Emirates	48 (0.9)
Germany	48 (2.0)
Kazakhstan	45 (2.2)
Portugal	44 (2.4) ▼
Lithuania	44 (2.9)
Malta	43 (3.4)
New Zealand	42 (2.6) ▼
Russian Federation	40 (2.6) ▼
Denmark	37 (3.1) ▼
Slovenia	36 (2.8) ▼
Spain	36 (2.3) ▼
Italy	35 (2.7) ▼
Saudi Arabia	32 (3.0) ▼
Slovak Republic	– –
Benchmarking Participants	
Quebec, Canada	66 (2.3) ▲
Dubai, UAE	57 (1.7) ▲
Newfoundland & Labrador, Can.	49 (3.1)
Alberta, Canada	49 (3.2)
Moscow City, Russian Fed.	41 (2.0) ▼
Abu Dhabi, UAE	39 (1.8) ▼
British Columbia, Canada	38 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

PIRLS 2021 Percent Correct Statistics for digitalPIRLS Achievement Items

RE31M05 (The Empty Pot): Which pot looks like Jun's
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	87 (1.8) ▲
Singapore	85 (1.2) ▲
Croatia	84 (3.1) ▲
Finland	82 (1.7) ▲
Norway (5)	81 (2.3) ▲
Hungary	80 (2.4) ▲
Slovenia	80 (2.3) ▲
Denmark	80 (2.5) ▲
Slovak Republic	80 (2.6) ▲
Sweden	78 (2.8)
Germany	78 (1.8) ▲
New Zealand	75 (2.1)
Chinese Taipei	74 (2.6)
Czech Republic	74 (2.0)
Russian Federation	74 (2.7)
International Average	**73 (0.5)**
Belgium (Flemish)	72 (2.9)
Italy	66 (2.2) ▼
Spain	66 (2.0) ▼
Malta	66 (3.7)
Portugal	65 (2.1) ▼
Israel	63 (2.1) ▼
United Arab Emirates	63 (1.2) ▼
Qatar	59 (2.2) ▼
Kazakhstan	57 (2.0) ▼
Saudi Arabia	55 (3.0) ▼
Benchmarking Participants	
Alberta, Canada	81 (3.2) ▲
Moscow City, Russian Fed.	78 (1.9) ▲
Quebec, Canada	75 (2.2)
Dubai, UAE	74 (2.0)
British Columbia, Canada	72 (2.2)
Newfoundland & Labrador, Can.	70 (2.9)
Abu Dhabi, UAE	57 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M06 (The Empty Pot): What paragraph shows about Jun
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	80 (2.2) ▲
Singapore	80 (1.5) ▲
Chinese Taipei	73 (2.4) ▲
Lithuania	68 (2.2) ▲
Croatia	65 (3.6)
Italy	63 (2.1)
Spain	62 (2.4)
Finland	61 (2.3)
New Zealand	61 (2.8)
Kazakhstan	60 (2.2)
International Average	**59 (0.5)**
Slovenia	59 (3.0)
Portugal	59 (2.2)
Denmark	58 (2.6)
United Arab Emirates	57 (1.1)
Malta	57 (3.4)
Slovak Republic	56 (2.6)
Qatar	56 (2.5)
Hungary	55 (2.9)
Germany	55 (2.4)
Sweden	55 (3.1)
Czech Republic	52 (2.7) ▼
Israel	49 (2.4) ▼
Saudi Arabia	48 (3.0) ▼
Belgium (Flemish)	48 (3.0) ▼
Norway (5)	39 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.7) ▲
Alberta, Canada	73 (2.6) ▲
Dubai, UAE	70 (1.5) ▲
Quebec, Canada	65 (2.0) ▲
British Columbia, Canada	63 (2.6)
Newfoundland & Labrador, Can.	60 (3.3)
Abu Dhabi, UAE	49 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M07 (The Empty Pot): Why children built fences
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	91 (0.9) ▲
Chinese Taipei	87 (1.7) ▲
Lithuania	86 (2.2) ▲
Russian Federation	85 (2.2) ▲
Slovenia	85 (2.4) ▲
Finland	83 (1.4) ▲
Czech Republic	81 (2.0) ▲
Sweden	81 (2.6) ▲
New Zealand	80 (1.8) ▲
Denmark	79 (2.1) ▲
Kazakhstan	78 (1.6) ▲
Germany	78 (1.8)
Hungary	77 (2.4)
International Average	**75 (0.4)**
Belgium (Flemish)	74 (2.4)
Slovak Republic	73 (2.4)
Malta	71 (2.9)
Portugal	70 (2.6)
Israel	70 (2.1) ▼
Italy	70 (2.3) ▼
Croatia	68 (3.5) ▼
Qatar	65 (1.9) ▼
United Arab Emirates	64 (0.8) ▼
Spain	62 (2.1) ▼
Saudi Arabia	58 (3.1) ▼
Norway (5)	54 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.0) ▲
Alberta, Canada	87 (2.7) ▲
Dubai, UAE	80 (1.6) ▲
Quebec, Canada	80 (2.0) ▲
British Columbia, Canada	80 (2.9)
Newfoundland & Labrador, Can.	77 (2.6)
Abu Dhabi, UAE	56 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M08 (The Empty Pot): Jun did when seed didn't grow
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	86 (2.4) ▲
Lithuania	86 (1.8) ▲
Croatia	83 (2.6) ▲
Singapore	82 (1.5) ▲
Denmark	81 (2.2) ▲
New Zealand	79 (1.7) ▲
Hungary	78 (2.7)
Czech Republic	77 (1.6) ▲
Slovenia	77 (2.0)
Italy	77 (2.3)
Slovak Republic	76 (3.1)
Portugal	75 (2.3)
Finland	75 (1.9)
Malta	75 (2.6)
International Average	**73 (0.5)**
Spain	73 (2.0)
Germany	73 (2.0)
Chinese Taipei	72 (2.1)
Sweden	69 (2.9)
Kazakhstan	66 (2.0) ▼
Norway (5)	66 (2.5) ▼
Qatar	66 (2.5) ▼
Belgium (Flemish)	66 (3.0) ▼
United Arab Emirates	65 (0.7) ▼
Israel	61 (2.1) ▼
Saudi Arabia	50 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.0) ▲
Dubai, UAE	81 (1.3) ▲
Alberta, Canada	81 (2.6) ▲
Quebec, Canada	79 (2.5) ▲
British Columbia, Canada	77 (2.6)
Newfoundland & Labrador, Can.	76 (3.1)
Abu Dhabi, UAE	55 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M09 (The Empty Pot): Why other children laughed
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	45 (1.6) ▲	92 (0.9) ▲
Croatia	34 (4.1) ▲	93 (1.3) ▲
Russian Federation	32 (2.8) ▲	94 (1.0) ▲
Finland	31 (2.0) ▲	91 (1.3) ▲
Sweden	31 (2.9) ▲	81 (2.3)
New Zealand	27 (2.3) ▲	89 (1.6) ▲
Lithuania	25 (2.0)	90 (1.6) ▲
Slovak Republic	25 (2.5)	92 (1.3) ▲
Chinese Taipei	24 (2.2)	92 (1.3) ▲
Italy	22 (2.2)	89 (1.4) ▲
International Average	**22 (0.4)**	**84 (0.4)**
Israel	21 (2.1)	68 (2.3) ▼
Norway (5)	21 (2.0)	90 (1.7) ▲
Denmark	20 (2.2)	91 (1.6) ▲
Malta	18 (2.3)	67 (3.7) ▼
United Arab Emirates	17 (0.8) ▼	70 (0.9) ▼
Czech Republic	17 (1.7) ▼	91 (1.1) ▲
Spain	17 (1.8) ▼	90 (1.3) ▲
Portugal	16 (1.6) ▼	86 (1.4)
Hungary	15 (1.6) ▼	86 (2.1)
Slovenia	15 (2.2) ▼	86 (2.2)
Belgium (Flemish)	15 (2.2) ▼	86 (1.7)
Kazakhstan	14 (1.0) ▼	79 (1.9) ▼
Germany	14 (1.6) ▼	88 (1.6) ▲
Saudi Arabia	12 (2.1) ▼	54 (2.9) ▼
Qatar	11 (1.8) ▼	70 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	38 (2.4) ▲	96 (1.0) ▲
Alberta, Canada	37 (2.7) ▲	96 (1.4) ▲
Quebec, Canada	34 (2.5) ▲	87 (2.1)
Dubai, UAE	25 (1.2) ▲	86 (1.1)
Newfoundland & Labrador, Can.	23 (2.3)	86 (3.9)
British Columbia, Canada	18 (1.7) ▼	88 (1.5) ▲
Abu Dhabi, UAE	15 (0.9) ▼	57 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M10 (The Empty Pot): Why Jun's parents gave advice
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	80 (1.5) ▲
Chinese Taipei	77 (2.5) ▲
Finland	71 (2.3) ▲
Italy	60 (2.8) ▲
Germany	60 (2.2) ▲
Croatia	60 (4.3) ▲
Russian Federation	60 (3.1) ▲
Lithuania	54 (2.6)
Kazakhstan	53 (2.3)
International Average	**51 (0.5)**
New Zealand	50 (2.5)
Qatar	50 (2.3)
Czech Republic	49 (2.3)
Slovak Republic	49 (3.1)
United Arab Emirates	49 (1.0) ▼
Hungary	49 (2.6)
Malta	49 (3.6)
Spain	47 (2.2)
Denmark	47 (3.3)
Norway (5)	44 (2.7) ▼
Sweden	43 (3.0) ▼
Slovenia	42 (2.8) ▼
Belgium (Flemish)	42 (3.0) ▼
Saudi Arabia	33 (3.4) ▼
Israel	32 (2.4) ▼
Portugal	29 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	63 (2.5) ▲
Dubai, UAE	60 (1.6) ▲
Alberta, Canada	57 (3.3)
British Columbia, Canada	50 (2.5)
Quebec, Canada	48 (2.5)
Newfoundland & Labrador, Can.	40 (3.5) ▼
Abu Dhabi, UAE	38 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M11 (The Empty Pot): Word that describes Jun
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	93 (0.9) ▲
Russian Federation	90 (1.5) ▲
Croatia	88 (2.1) ▲
Italy	87 (1.5) ▲
Portugal	87 (1.6) ▲
Denmark	86 (1.8) ▲
Finland	85 (1.5) ▲
Spain	83 (1.6) ▲
Slovenia	82 (2.2)
Chinese Taipei	81 (2.0)
New Zealand	80 (2.0)
Malta	79 (2.7)
International Average	**79 (0.4)**
Slovak Republic	78 (2.3)
Israel	77 (1.9)
Belgium (Flemish)	76 (2.2)
Norway (5)	76 (2.2)
Lithuania	75 (2.3)
Czech Republic	74 (2.1) ▼
Hungary	72 (2.6) ▼
Qatar	72 (2.0) ▼
Germany	72 (2.1) ▼
Sweden	71 (2.6) ▼
Kazakhstan	70 (2.0) ▼
United Arab Emirates	66 (1.1) ▼
Saudi Arabia	66 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.3) ▲
Quebec, Canada	85 (1.7) ▲
Dubai, UAE	84 (1.3) ▲
British Columbia, Canada	83 (2.2)
Alberta, Canada	82 (2.8)
Newfoundland & Labrador, Can.	75 (2.6)
Abu Dhabi, UAE	56 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M12 (The Empty Pot): Why Emperor scowled at Jun
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	67 (1.8) ▲
Croatia	67 (3.0) ▲
Russian Federation	65 (2.5) ▲
Chinese Taipei	64 (2.7) ▲
Hungary	63 (2.5) ▲
Lithuania	63 (2.8) ▲
Germany	61 (2.1) ▲
Denmark	58 (2.5) ▲
Italy	57 (2.8)
Sweden	55 (2.8)
Portugal	54 (2.5)
International Average	**54 (0.5)**
Finland	52 (2.3)
Malta	52 (3.3)
Norway (5)	52 (2.5)
Slovak Republic	51 (2.7)
Czech Republic	51 (2.5)
Kazakhstan	49 (2.4)
Spain	49 (2.1) ▼
United Arab Emirates	48 (1.2) ▼
New Zealand	48 (2.5) ▼
Slovenia	46 (2.7) ▼
Israel	45 (2.1) ▼
Belgium (Flemish)	44 (3.0) ▼
Qatar	44 (2.2) ▼
Saudi Arabia	32 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	69 (2.4) ▲
British Columbia, Canada	60 (2.4) ▲
Newfoundland & Labrador, Can.	60 (3.3) ▲
Dubai, UAE	58 (1.8) ▲
Quebec, Canada	56 (2.8)
Alberta, Canada	53 (3.1)
Abu Dhabi, UAE	45 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M13 (The Empty Pot): Why Jun said "I'm sorry"
Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	96 (1.2) ▲
Singapore	94 (0.9) ▲
Russian Federation	93 (1.3) ▲
Lithuania	93 (1.3) ▲
Croatia	91 (2.1) ▲
Denmark	91 (1.3) ▲
Finland	89 (1.6) ▲
Hungary	89 (1.9) ▲
Italy	88 (1.8) ▲
Sweden	87 (2.0)
Portugal	87 (1.3) ▲
New Zealand	86 (1.4)
Germany	85 (1.6)
Norway (5)	85 (2.0)
International Average	**84 (0.4)**
Belgium (Flemish)	84 (1.9)
Slovak Republic	83 (2.2)
Spain	82 (2.0)
Czech Republic	82 (2.0)
Malta	81 (2.5)
Slovenia	81 (2.3)
Kazakhstan	78 (1.9) ▼
Israel	75 (1.8) ▼
United Arab Emirates	70 (0.7) ▼
Qatar	69 (2.0) ▼
Saudi Arabia	56 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.7) ▲
Alberta, Canada	91 (2.0) ▲
Dubai, UAE	90 (1.0) ▲
Quebec, Canada	89 (2.3) ▲
British Columbia, Canada	88 (1.5) ▲
Newfoundland & Labrador, Can.	85 (2.4)
Abu Dhabi, UAE	60 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M14 (The Empty Pot): Why plants grew in others' pots
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	87 (1.4) ▲
Chinese Taipei	87 (1.8) ▲
Lithuania	86 (1.9) ▲
Russian Federation	86 (2.0) ▲
Denmark	82 (1.9) ▲
Hungary	81 (2.8) ▲
Czech Republic	79 (1.8) ▲
Sweden	77 (2.5)
Croatia	76 (3.4)
Slovak Republic	75 (3.1)
Norway (5)	75 (2.5)
Germany	75 (1.8)
Slovenia	75 (2.6)
Italy	75 (1.9)
Finland	74 (1.8)
International Average	**73 (0.5)**
Portugal	73 (2.3)
Kazakhstan	71 (2.1)
Belgium (Flemish)	71 (2.8)
New Zealand	70 (2.6)
Spain	68 (2.2) ▼
Israel	67 (2.0) ▼
Malta	65 (2.9) ▼
United Arab Emirates	58 (0.9) ▼
Qatar	54 (2.5) ▼
Saudi Arabia	42 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.4) ▲
Alberta, Canada	82 (3.1) ▲
British Columbia, Canada	80 (2.2) ▲
Quebec, Canada	78 (2.7)
Dubai, UAE	75 (1.6)
Newfoundland & Labrador, Can.	68 (3.0)
Abu Dhabi, UAE	53 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M15 (The Empty Pot): What Emperor values in a person
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	91 (1.5) ▲
Singapore	87 (1.4) ▲
Hungary	87 (1.7) ▲
Russian Federation	81 (2.6) ▲
Lithuania	81 (2.2) ▲
Denmark	80 (2.3) ▲
Finland	77 (1.7) ▲
Norway (5)	77 (2.3) ▲
Sweden	77 (2.6) ▲
Croatia	76 (3.7)
Italy	75 (2.2)
Slovenia	74 (2.7)
International Average	**71 (0.5)**
Germany	70 (2.5)
Belgium (Flemish)	69 (2.6)
Malta	68 (3.5)
Slovak Republic	68 (2.8)
Czech Republic	66 (2.5) ▼
Spain	65 (2.7) ▼
Kazakhstan	64 (2.2) ▼
Portugal	63 (2.4) ▼
New Zealand	62 (2.6) ▼
Israel	59 (2.1) ▼
United Arab Emirates	57 (1.1) ▼
Qatar	56 (2.2) ▼
Saudi Arabia	43 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.7) ▲
Quebec, Canada	77 (2.3) ▲
Dubai, UAE	76 (2.2) ▲
Alberta, Canada	74 (3.1)
British Columbia, Canada	72 (2.4)
Newfoundland & Labrador, Can.	66 (3.9)
Abu Dhabi, UAE	48 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M16 (The Empty Pot): Why Emperor smiled at Jun
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	76 (1.7) ▲
Lithuania	74 (2.2) ▲
Hungary	73 (2.2) ▲
Czech Republic	73 (2.0) ▲
Denmark	73 (2.5) ▲
Chinese Taipei	71 (2.5) ▲
Russian Federation	69 (2.5) ▲
Norway (5)	68 (2.7) ▲
Slovak Republic	68 (2.7) ▲
Sweden	66 (3.1)
Finland	65 (2.0) ▲
Croatia	63 (3.5)
Germany	62 (2.3)
International Average	**60 (0.5)**
Israel	60 (2.4)
Portugal	60 (2.2)
New Zealand	56 (2.6)
Italy	55 (2.3) ▼
Spain	54 (2.6) ▼
Slovenia	53 (3.5) ▼
Belgium (Flemish)	52 (3.3) ▼
Malta	49 (2.9) ▼
United Arab Emirates	44 (1.0) ▼
Qatar	43 (2.5) ▼
Kazakhstan	43 (2.1) ▼
Saudi Arabia	37 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.9) ▲
Quebec, Canada	67 (2.3) ▲
Dubai, UAE	65 (1.4) ▲
Alberta, Canada	63 (3.6)
British Columbia, Canada	58 (2.5)
Newfoundland & Labrador, Can.	56 (2.8)
Abu Dhabi, UAE	37 (1.9) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE31M17 (The Empty Pot): Jun's feelings (DERIVED)
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Croatia	58 (3.8) ▲	85 (2.3) ▲	93 (2.0) ▲
Russian Federation	52 (3.2) ▲	78 (2.5) ▲	90 (1.6) ▲
Singapore	51 (1.7) ▲	75 (1.5) ▲	89 (1.0) ▲
Finland	50 (2.2) ▲	77 (1.6) ▲	92 (1.1) ▲
Czech Republic	46 (2.4) ▲	73 (2.0) ▲	88 (1.6) ▲
Denmark	44 (2.8) ▲	71 (2.5) ▲	83 (2.2)
Lithuania	42 (3.3) ▲	69 (2.3) ▲	88 (1.9) ▲
New Zealand	41 (2.2) ▲	67 (2.5) ▲	83 (2.3)
Germany	39 (2.2) ▲	66 (2.5) ▲	86 (1.9) ▲
Chinese Taipei	36 (2.9)	72 (2.1) ▲	89 (1.3) ▲
International Average	**34 (0.5)**	**62 (0.5)**	**80 (0.4)**
Kazakhstan	34 (1.9)	56 (2.0) ▼	80 (2.0)
Slovak Republic	34 (2.9)	68 (2.6) ▲	88 (2.0) ▲
Italy	33 (2.6)	62 (2.8)	83 (2.3)
Portugal	32 (2.5)	59 (2.9)	81 (2.2)
Hungary	31 (2.6)	65 (3.0)	83 (2.0)
Norway (5)	31 (2.7)	65 (2.5)	83 (2.3)
Spain	28 (1.9) ▼	57 (2.5)	80 (1.9)
Slovenia	26 (2.9) ▼	55 (3.4) ▼	75 (3.2)
Belgium (Flemish)	26 (2.9) ▼	52 (3.1) ▼	79 (2.4)
United Arab Emirates	24 (1.0) ▼	45 (1.2) ▼	64 (1.1) ▼
Israel	23 (2.3) ▼	55 (2.7) ▼	77 (2.1)
Qatar	20 (2.1) ▼	37 (2.2) ▼	62 (2.3) ▼
Malta	20 (3.2) ▼	49 (3.8) ▼	72 (3.8) ▼
Sweden	20 (2.5) ▼	48 (3.1) ▼	71 (2.6) ▼
Saudi Arabia	16 (2.1) ▼	34 (3.3) ▼	53 (3.9) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	64 (1.9) ▲	88 (1.5) ▲	96 (1.0) ▲
Newfoundland & Labrador, Can.	52 (2.6) ▲	75 (3.3) ▲	88 (2.8) ▲
Alberta, Canada	48 (3.1) ▲	74 (2.5) ▲	91 (2.0) ▲
British Columbia, Canada	42 (2.8) ▲	70 (2.6) ▲	88 (2.0) ▲
Dubai, UAE	36 (1.8)	67 (2.2) ▲	85 (1.2) ▲
Quebec, Canada	33 (2.6)	66 (2.5)	84 (2.0)
Abu Dhabi, UAE	18 (1.2) ▼	34 (1.5) ▼	51 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M17A (The Empty Pot): Jun's feelings (hopeful)
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	81 (2.2) ▲
Finland	79 (1.9) ▲
Singapore	77 (1.6) ▲
Czech Republic	73 (2.2) ▲
Croatia	72 (3.8) ▲
Lithuania	71 (2.4) ▲
Norway (5)	69 (2.6) ▲
Denmark	66 (2.4)
Slovak Republic	66 (3.1)
New Zealand	66 (2.2) ▲
Portugal	65 (2.9)
Chinese Taipei	64 (2.2)
Italy	64 (2.8)
Kazakhstan	63 (2.1)
Germany	63 (2.6)
Slovenia	63 (3.1)
International Average	**62 (0.5)**
Hungary	60 (2.6)
Israel	60 (2.6)
Belgium (Flemish)	56 (3.4)
Malta	52 (3.5) ▼
Spain	51 (2.7) ▼
Sweden	50 (3.1) ▼
United Arab Emirates	48 (1.1) ▼
Qatar	41 (2.6) ▼
Saudi Arabia	30 (3.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.5) ▲
Newfoundland & Labrador, Can.	81 (3.3) ▲
Alberta, Canada	77 (2.4) ▲
British Columbia, Canada	72 (2.9) ▲
Quebec, Canada	69 (2.3) ▲
Dubai, UAE	63 (2.3)
Abu Dhabi, UAE	39 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M17B (The Empty Pot): Jun's feelings (puzzled)
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	88 (1.8) ▲
Chinese Taipei	75 (2.1) ▲
Russian Federation	74 (2.5) ▲
Finland	72 (1.8) ▲
Denmark	72 (2.5) ▲
Norway (5)	72 (2.5) ▲
New Zealand	69 (2.6) ▲
Slovak Republic	67 (2.7) ▲
Germany	67 (2.5) ▲
Singapore	66 (1.5) ▲
Czech Republic	65 (2.4) ▲
Spain	65 (2.8) ▲
Kazakhstan	60 (1.8)
International Average	**60 (0.5)**
Belgium (Flemish)	60 (2.7)
Lithuania	57 (3.0)
Hungary	54 (3.1)
Italy	53 (2.9) ▼
Slovenia	50 (3.1) ▼
Portugal	49 (2.5) ▼
Malta	46 (4.2) ▼
United Arab Emirates	44 (1.3) ▼
Qatar	43 (2.1) ▼
Sweden	43 (3.1) ▼
Saudi Arabia	42 (3.9) ▼
Israel	39 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.6) ▲
Alberta, Canada	73 (3.4) ▲
Newfoundland & Labrador, Can.	71 (3.4) ▲
Dubai, UAE	65 (2.4) ▲
British Columbia, Canada	64 (2.7)
Quebec, Canada	59 (2.8)
Abu Dhabi, UAE	33 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31M17C (The Empty Pot): Jun's feelings (defeated)
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	81 (2.5) ▲
Czech Republic	80 (2.5) ▲
Finland	77 (1.9) ▲
Lithuania	76 (2.9) ▲
Singapore	74 (1.4) ▲
Italy	73 (2.5) ▲
Germany	72 (2.3) ▲
Hungary	71 (2.8) ▲
Russian Federation	70 (2.7) ▲
New Zealand	68 (2.4) ▲
Israel	68 (2.5) ▲
Portugal	67 (2.8)
Denmark	67 (2.8)
Chinese Taipei	65 (3.0)
Slovak Republic	63 (2.9)
International Average	**63 (0.5)**
Spain	61 (2.1)
Sweden	58 (3.1)
Kazakhstan	52 (2.4) ▼
Belgium (Flemish)	51 (3.1) ▼
Malta	51 (3.8) ▼
Slovenia	48 (4.2) ▼
United Arab Emirates	46 (1.0) ▼
Norway (5)	45 (2.9) ▼
Qatar	43 (2.3) ▼
Saudi Arabia	40 (3.3) ▼
Benchmarking Participants	
British Columbia, Canada	77 (2.2) ▲
Moscow City, Russian Fed.	76 (1.7) ▲
Alberta, Canada	75 (3.4) ▲
Newfoundland & Labrador, Can.	72 (2.6) ▲
Dubai, UAE	65 (2.0)
Quebec, Canada	64 (2.3)
Abu Dhabi, UAE	35 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B01 (Pemba Sherpa): What is Pemba's dream
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	98 (0.8) ▲
Norway (5)	96 (1.3) ▲
Singapore	96 (0.7) ▲
Denmark	96 (0.9) ▲
Lithuania	96 (1.1) ▲
Croatia	95 (1.0) ▲
Sweden	94 (1.6)
Malta	94 (1.6)
Slovak Republic	93 (1.3)
Czech Republic	93 (1.0)
Portugal	92 (1.4)
Chinese Taipei	92 (1.4)
International Average	**91 (0.3)**
Hungary	90 (1.9)
Israel	90 (1.3)
New Zealand	89 (1.7)
Finland	89 (1.1)
Spain	89 (1.1)
Belgium (Flemish)	89 (1.8)
Germany	89 (1.3)
Italy	88 (1.7)
Kazakhstan	88 (1.5) ▼
Slovenia	85 (2.5) ▼
Qatar	85 (1.8) ▼
United Arab Emirates	84 (0.6) ▼
Saudi Arabia	83 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.5) ▲
Quebec, Canada	96 (1.2) ▲
British Columbia, Canada	94 (1.1) ▲
Dubai, UAE	93 (0.7) ▲
Alberta, Canada	92 (2.5)
Newfoundland & Labrador, Can.	88 (2.9)
Abu Dhabi, UAE	75 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B02 (Pemba Sherpa): Why does Pemba have to get up early
Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	96 (1.0) ▲
Chinese Taipei	95 (1.0) ▲
Germany	95 (0.7) ▲
Singapore	95 (0.7) ▲
Croatia	95 (1.2) ▲
Russian Federation	93 (2.2)
Sweden	93 (1.6) ▲
Hungary	92 (1.6) ▲
Finland	92 (1.5) ▲
Belgium (Flemish)	92 (1.7) ▲
Portugal	92 (1.1) ▲
Denmark	92 (1.1) ▲
New Zealand	92 (1.2) ▲
Slovenia	91 (2.2)
Slovak Republic	90 (1.8)
Italy	90 (1.7)
Malta	90 (2.3)
International Average	**89 (0.3)**
Czech Republic	88 (1.3)
Spain	87 (1.7)
Norway (5)	87 (1.8)
Israel	85 (1.7) ▼
Kazakhstan	82 (1.8) ▼
Qatar	78 (2.1) ▼
United Arab Emirates	76 (0.8) ▼
Saudi Arabia	66 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.7) ▲
Quebec, Canada	98 (0.9) ▲
British Columbia, Canada	91 (1.7)
Dubai, UAE	91 (0.8) ▲
Newfoundland & Labrador, Can.	91 (2.6)
Alberta, Canada	88 (2.4)
Abu Dhabi, UAE	64 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B03 (Pemba Sherpa): Why does Yang Ki want to carry wood
Multiple Choice (Key is C)

Country	Percent Full Credit
Lithuania	89 (1.9) ▲
Sweden	85 (2.3) ▲
Germany	77 (1.9) ▲
Singapore	76 (1.6) ▲
Czech Republic	74 (1.8) ▲
Slovenia	74 (2.0)
Slovak Republic	73 (2.8)
Portugal	73 (2.5)
Qatar	73 (2.0)
Denmark	73 (1.9)
Finland	72 (2.3)
Russian Federation	72 (2.9)
Hungary	71 (2.6)
Israel	71 (1.9)
International Average	**71 (0.5)**
Norway (5)	70 (2.3)
Kazakhstan	70 (1.8)
Croatia	68 (3.2)
Saudi Arabia	67 (3.2)
Belgium (Flemish)	67 (2.7)
Italy	65 (2.5) ▼
Malta	64 (2.9) ▼
United Arab Emirates	64 (1.0) ▼
Chinese Taipei	63 (2.4) ▼
New Zealand	63 (2.4) ▼
Spain	58 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.6) ▲
Quebec, Canada	77 (2.1) ▲
Dubai, UAE	70 (2.0)
British Columbia, Canada	68 (2.1)
Newfoundland & Labrador, Can.	59 (3.1) ▼
Alberta, Canada	59 (2.7) ▼
Abu Dhabi, UAE	55 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B04 (Pemba Sherpa): What does Yang Ki say that makes Pemba laugh
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	89 (2.3) ▲
Singapore	85 (1.4) ▲
Russian Federation	82 (2.8) ▲
Norway (5)	82 (2.1) ▲
Denmark	82 (1.7) ▲
Lithuania	78 (2.6) ▲
Sweden	77 (2.7) ▲
Czech Republic	77 (2.0) ▲
Slovak Republic	75 (2.3)
New Zealand	75 (2.2)
Kazakhstan	74 (2.0)
Finland	72 (1.7)
Chinese Taipei	72 (2.3)
International Average	**71 (0.5)**
Germany	68 (1.9)
Malta	68 (3.4)
Slovenia	68 (2.5)
Israel	68 (2.3)
Qatar	67 (2.3) ▼
Portugal	64 (2.7) ▼
Spain	63 (1.9) ▼
Hungary	62 (2.6) ▼
United Arab Emirates	62 (1.4) ▼
Italy	60 (2.2) ▼
Belgium (Flemish)	59 (3.0) ▼
Saudi Arabia	55 (3.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.2) ▲
Dubai, UAE	78 (2.0) ▲
Quebec, Canada	77 (1.5) ▲
Alberta, Canada	73 (1.8)
Newfoundland & Labrador, Can.	72 (3.5)
British Columbia, Canada	71 (2.3)
Abu Dhabi, UAE	50 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B05 (Pemba Sherpa): How does Pemba know Yang KI is following him
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	96 (1.2) ▲
Singapore	90 (1.0) ▲
Lithuania	89 (1.5) ▲
Sweden	88 (2.0) ▲
Denmark	84 (1.8) ▲
Italy	84 (1.7) ▲
Kazakhstan	83 (1.6) ▲
Croatia	83 (3.4)
Slovak Republic	82 (2.2)
Portugal	81 (2.0)
Norway (5)	81 (2.2)
Czech Republic	81 (2.2)
International Average	**79 (0.4)**
Belgium (Flemish)	78 (2.4)
Hungary	78 (2.5)
Spain	78 (2.3)
Germany	77 (1.7)
Chinese Taipei	76 (1.9) ▼
Slovenia	76 (2.6)
Finland	76 (3.0)
New Zealand	74 (2.3) ▼
Malta	74 (2.9)
Qatar	72 (1.9) ▼
Israel	70 (2.2) ▼
Saudi Arabia	69 (3.0) ▼
United Arab Emirates	67 (1.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.6) ▲
Quebec, Canada	82 (1.5)
Dubai, UAE	79 (2.2)
Alberta, Canada	70 (3.1) ▼
British Columbia, Canada	69 (2.3) ▼
Newfoundland & Labrador, Can.	64 (3.1) ▼
Abu Dhabi, UAE	57 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B06 (Pemba Sherpa): What makes Pemba fall
Multiple Choice (Key is A)

Country	Percent Full Credit
Denmark	84 (2.0) ▲
Czech Republic	83 (1.9) ▲
Finland	82 (1.6) ▲
Slovenia	82 (2.5) ▲
Chinese Taipei	80 (2.1) ▲
Hungary	79 (2.4) ▲
Singapore	78 (1.3) ▲
Russian Federation	78 (2.9) ▲
Germany	77 (1.9) ▲
Italy	75 (2.0) ▲
Belgium (Flemish)	75 (2.4) ▲
Norway (5)	75 (2.3) ▲
Sweden	75 (2.6)
Slovak Republic	74 (2.7)
International Average	**70 (0.5)**
Israel	70 (1.9)
Portugal	69 (2.4)
New Zealand	65 (2.5) ▼
Qatar	64 (2.6) ▼
Lithuania	63 (2.8) ▼
Kazakhstan	61 (2.1) ▼
Malta	60 (3.2) ▼
Spain	55 (1.8) ▼
United Arab Emirates	54 (1.1) ▼
Croatia	50 (3.3) ▼
Saudi Arabia	47 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.5) ▲
Quebec, Canada	73 (2.0)
British Columbia, Canada	70 (2.6)
Newfoundland & Labrador, Can.	67 (3.8)
Alberta, Canada	62 (4.3)
Dubai, UAE	61 (1.7) ▼
Abu Dhabi, UAE	43 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B07 (Pemba Sherpa): What stops Pemba from falling off the edge
Constructed Response (1 Point)

Country	Percent Full Credit
Hungary	74 (2.6) ▲
Russian Federation	71 (2.6) ▲
Singapore	70 (1.5) ▲
Croatia	67 (3.5) ▲
Finland	67 (2.0) ▲
Slovenia	64 (2.9) ▲
Kazakhstan	63 (1.9) ▲
Czech Republic	61 (2.4) ▲
Sweden	60 (2.9) ▲
Slovak Republic	60 (3.2) ▲
Lithuania	56 (2.6)
International Average	**53 (0.5)**
New Zealand	53 (2.6)
Norway (5)	52 (2.8)
Denmark	49 (2.4)
Spain	48 (1.8) ▼
Chinese Taipei	48 (2.6) ▼
Italy	48 (2.2) ▼
Portugal	46 (2.5) ▼
Malta	40 (3.2) ▼
Israel	40 (2.1) ▼
United Arab Emirates	39 (1.1) ▼
Germany	39 (2.2) ▼
Belgium (Flemish)	37 (2.9) ▼
Saudi Arabia	35 (3.0) ▼
Qatar	35 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.7) ▲
Quebec, Canada	65 (2.9) ▲
Dubai, UAE	51 (1.9)
Alberta, Canada	49 (2.9)
British Columbia, Canada	39 (2.3) ▼
Newfoundland & Labrador, Can.	39 (4.5) ▼
Abu Dhabi, UAE	31 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B08 (Pemba Sherpa): Why does Yang Ki get a long bamboo pole
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	95 (1.3) ▲
Finland	93 (1.2) ▲
Sweden	92 (1.9) ▲
Czech Republic	92 (1.4) ▲
Russian Federation	92 (2.3) ▲
Slovak Republic	90 (1.5) ▲
Denmark	90 (1.5) ▲
Norway (5)	89 (1.7) ▲
Germany	87 (1.3) ▲
Chinese Taipei	87 (1.8) ▲
Malta	87 (2.1)
Italy	86 (1.8)
Singapore	86 (1.3) ▲
Slovenia	85 (2.5)
Hungary	84 (1.9)
International Average	**83 (0.4)**
New Zealand	83 (1.9)
Spain	82 (1.9)
Israel	79 (2.2) ▼
Kazakhstan	78 (1.6) ▼
Lithuania	78 (2.6) ▼
Belgium (Flemish)	77 (2.8) ▼
Portugal	74 (2.2) ▼
Saudi Arabia	67 (3.3) ▼
United Arab Emirates	64 (1.3) ▼
Qatar	63 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (1.2) ▲
Quebec, Canada	87 (1.7) ▲
Alberta, Canada	85 (1.9)
Dubai, UAE	83 (1.3)
Newfoundland & Labrador, Can.	80 (4.4)
British Columbia, Canada	75 (2.5) ▼
Abu Dhabi, UAE	51 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B09 (Pemba Sherpa): What does Pemba do before he starts
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	83 (1.5) ▲
Czech Republic	73 (2.6) ▲
Sweden	72 (3.1) ▲
Finland	69 (3.3) ▲
Denmark	69 (2.1) ▲
New Zealand	67 (2.5) ▲
Croatia	67 (3.5)
Slovenia	65 (2.7)
Lithuania	64 (2.5)
Portugal	63 (2.2)
Russian Federation	62 (2.9)
Norway (5)	62 (2.6)
International Average	**61 (0.5)**
Malta	60 (3.9)
Hungary	60 (2.8)
Slovak Republic	59 (3.4)
Spain	58 (2.2)
Israel	57 (2.7)
Qatar	57 (2.8)
Chinese Taipei	56 (2.4)
Italy	55 (2.4) ▼
United Arab Emirates	54 (1.3) ▼
Germany	54 (2.3) ▼
Belgium (Flemish)	53 (2.9) ▼
Kazakhstan	48 (2.3) ▼
Saudi Arabia	24 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (1.9) ▲
Dubai, UAE	71 (2.1) ▲
Alberta, Canada	66 (2.6) ▲
British Columbia, Canada	64 (3.0)
Quebec, Canada	57 (2.5)
Newfoundland & Labrador, Can.	53 (4.0)
Abu Dhabi, UAE	45 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B10 (Pemba Sherpa): Why does it say Yang Ki's arms are like steel
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	84 (1.2) ▲
Hungary	80 (3.0) ▲
Czech Republic	79 (2.1) ▲
Slovenia	79 (2.4) ▲
Germany	78 (1.8) ▲
Italy	77 (1.9) ▲
Slovak Republic	77 (2.9)
Israel	76 (2.2)
Chinese Taipei	75 (2.1)
Croatia	74 (3.0)
Finland	74 (1.5)
Spain	74 (2.2)
Portugal	72 (2.3)
International Average	**72 (0.5)**
Russian Federation	72 (2.8)
Lithuania	71 (2.5)
Malta	70 (3.2)
New Zealand	70 (2.2)
Denmark	68 (2.4)
Norway (5)	68 (2.3)
Qatar	68 (2.1)
Belgium (Flemish)	67 (2.8)
Sweden	64 (3.2) ▼
Saudi Arabia	62 (2.9) ▼
United Arab Emirates	60 (0.9) ▼
Kazakhstan	58 (1.8) ▼
Benchmarking Participants	
Quebec, Canada	83 (1.9) ▲
Moscow City, Russian Fed.	78 (2.0) ▲
Dubai, UAE	72 (1.7)
British Columbia, Canada	68 (2.0)
Alberta, Canada	68 (2.9)
Newfoundland & Labrador, Can.	63 (3.4) ▼
Abu Dhabi, UAE	57 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B11 (Pemba Sherpa): Why does Pemba slump to the ground
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	93 (0.9) ▲
Chinese Taipei	92 (1.2) ▲
Croatia	90 (2.1) ▲
Italy	89 (1.6) ▲
Slovenia	86 (2.5) ▲
Sweden	85 (2.3) ▲
Russian Federation	84 (2.5) ▲
Portugal	84 (1.8) ▲
Finland	84 (1.8) ▲
Lithuania	83 (2.2)
Hungary	83 (1.9) ▲
Spain	81 (1.7)
New Zealand	80 (2.0)
Czech Republic	80 (1.9)
Norway (5)	79 (2.4)
International Average	**79 (0.4)**
Germany	78 (1.9)
Slovak Republic	77 (2.7)
Denmark	76 (2.1)
Malta	75 (2.9)
Kazakhstan	74 (1.7) ▼
Israel	74 (2.2) ▼
Belgium (Flemish)	68 (3.1) ▼
Qatar	65 (2.6) ▼
United Arab Emirates	64 (1.2) ▼
Saudi Arabia	50 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.0) ▲
Quebec, Canada	87 (1.7) ▲
Alberta, Canada	82 (2.5)
Dubai, UAE	80 (1.6)
British Columbia, Canada	79 (2.4)
Newfoundland & Labrador, Can.	74 (3.8)
Abu Dhabi, UAE	57 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B12 (Pemba Sherpa): Why does Yang Ki leave Pemba
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	96 (0.7) ▲
Denmark	95 (1.1) ▲
Chinese Taipei	95 (0.8) ▲
Finland	94 (1.1) ▲
Croatia	92 (1.3) ▲
Portugal	91 (1.0) ▲
Germany	91 (1.4) ▲
New Zealand	90 (1.2)
Hungary	90 (2.1)
Italy	90 (1.5)
Norway (5)	90 (1.6)
Sweden	89 (1.9)
Russian Federation	88 (1.8)
International Average	**88 (0.3)**
Slovak Republic	88 (2.0)
Slovenia	87 (1.4)
Malta	87 (2.4)
Lithuania	87 (1.9)
Spain	87 (1.9)
Czech Republic	85 (1.4) ▼
Belgium (Flemish)	85 (1.8)
Qatar	83 (1.5) ▼
Kazakhstan	81 (1.4) ▼
Israel	80 (2.2) ▼
Saudi Arabia	78 (2.5) ▼
United Arab Emirates	78 (1.1) ▼
Benchmarking Participants	
Quebec, Canada	94 (1.1) ▲
Moscow City, Russian Fed.	91 (1.4) ▲
Alberta, Canada	90 (2.4)
Dubai, UAE	89 (1.1)
British Columbia, Canada	87 (1.6)
Newfoundland & Labrador, Can.	87 (3.7)
Abu Dhabi, UAE	69 (2.0) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41B13 (Pemba Sherpa): Finish the two sentences
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	70 (2.9) ▲	93 (1.5) ▲
Singapore	70 (1.7) ▲	96 (0.8) ▲
Denmark	56 (2.4) ▲	87 (1.8) ▲
Hungary	55 (3.1) ▲	87 (1.9) ▲
Finland	55 (2.4) ▲	86 (1.7) ▲
New Zealand	54 (2.5) ▲	86 (2.0) ▲
Czech Republic	53 (3.0) ▲	90 (1.5) ▲
Germany	53 (2.3) ▲	90 (1.1) ▲
Norway (5)	51 (3.1)	88 (1.7) ▲
Sweden	51 (3.3)	88 (2.0) ▲
Qatar	47 (2.5)	79 (1.9)
International Average	**46 (0.5)**	**83 (0.4)**
Israel	46 (2.5)	80 (2.0)
Russian Federation	45 (3.0)	86 (2.9)
Chinese Taipei	44 (2.2)	87 (1.8) ▲
Malta	44 (3.2)	80 (2.9)
Kazakhstan	42 (2.0) ▼	75 (2.1) ▼
Slovenia	42 (3.1)	83 (2.4)
Italy	41 (2.6) ▼	85 (1.6)
United Arab Emirates	41 (1.0) ▼	73 (0.9) ▼
Slovak Republic	39 (2.9) ▼	80 (2.0)
Saudi Arabia	38 (3.5) ▼	67 (3.3) ▼
Belgium (Flemish)	33 (3.1) ▼	79 (2.2)
Lithuania	30 (2.6) ▼	83 (2.2)
Spain	29 (1.9) ▼	67 (2.1) ▼
Portugal	27 (1.8) ▼	68 (2.7) ▼
Benchmarking Participants		
Quebec, Canada	62 (2.3) ▲	89 (1.9) ▲
Alberta, Canada	60 (2.8) ▲	90 (2.0) ▲
British Columbia, Canada	59 (2.3) ▲	83 (2.0)
Newfoundland & Labrador, Can.	54 (4.4)	89 (2.7) ▲
Moscow City, Russian Fed.	54 (2.2) ▲	93 (1.1) ▲
Dubai, UAE	53 (1.4) ▲	88 (1.1) ▲
Abu Dhabi, UAE	33 (2.0) ▼	59 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B14 (Pemba Sherpa): What does Yang Ki do when Pemba is angry
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	88 (1.2) ▲
Denmark	84 (1.9) ▲
Russian Federation	82 (2.7) ▲
Norway (5)	82 (2.2) ▲
Sweden	81 (1.8) ▲
New Zealand	76 (2.2) ▲
Hungary	76 (2.5) ▲
Lithuania	76 (2.3) ▲
Croatia	71 (2.9)
Finland	71 (2.2)
International Average	**70 (0.5)**
Italy	69 (2.5)
Portugal	69 (2.9)
Chinese Taipei	69 (2.3)
Malta	67 (3.4)
Slovak Republic	66 (2.7)
Slovenia	66 (3.0)
Czech Republic	66 (1.8) ▼
Germany	66 (1.9) ▼
Qatar	65 (2.2) ▼
United Arab Emirates	64 (0.9) ▼
Spain	64 (2.3) ▼
Belgium (Flemish)	64 (3.3)
Israel	59 (2.5) ▼
Kazakhstan	58 (2.1) ▼
Saudi Arabia	45 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.2) ▲
Dubai, UAE	81 (1.9) ▲
Quebec, Canada	74 (2.5)
British Columbia, Canada	73 (3.0)
Alberta, Canada	73 (2.9)
Newfoundland & Labrador, Can.	70 (2.6)
Abu Dhabi, UAE	59 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B15 (Pemba Sherpa): Why does Yang Ki say this to her big brother
Constructed Response (1 Point)

Country	Percent Full Credit
Denmark	65 (2.6) ▲
Sweden	62 (2.9) ▲
Croatia	54 (3.4) ▲
Singapore	53 (2.1) ▲
Israel	52 (2.5) ▲
Slovak Republic	51 (2.6) ▲
Germany	50 (2.3) ▲
Hungary	47 (3.0)
New Zealand	46 (2.4)
Malta	45 (3.4)
International Average	**45 (0.5)**
Norway (5)	45 (2.7)
Finland	45 (2.3)
Belgium (Flemish)	44 (3.1)
Qatar	44 (2.5)
Lithuania	44 (1.9)
Slovenia	43 (2.5)
Portugal	42 (2.2)
Russian Federation	41 (3.2)
Chinese Taipei	40 (2.5) ▼
Spain	39 (2.2) ▼
Kazakhstan	38 (2.0) ▼
United Arab Emirates	37 (1.1) ▼
Saudi Arabia	35 (3.1) ▼
Czech Republic	33 (2.3) ▼
Italy	27 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	61 (2.6) ▲
Dubai, UAE	50 (1.6) ▲
Newfoundland & Labrador, Can.	49 (3.3)
British Columbia, Canada	44 (2.6)
Quebec, Canada	44 (2.0)
Alberta, Canada	43 (3.4)
Abu Dhabi, UAE	33 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B16 (Pemba Sherpa): How did Yang Ki change Pemba's thinking
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Slovak Republic	47 (3.3) ▲	76 (2.4) ▲
Chinese Taipei	45 (2.6) ▲	77 (2.2) ▲
Russian Federation	44 (3.3) ▲	70 (3.4)
Lithuania	44 (2.5) ▲	76 (2.3) ▲
Czech Republic	40 (2.2) ▲	71 (2.6) ▲
Singapore	38 (1.7) ▲	70 (1.8) ▲
Israel	38 (2.5) ▲	65 (2.4)
Croatia	36 (3.8)	71 (3.6) ▲
New Zealand	36 (2.3)	64 (2.5)
Sweden	34 (2.9)	66 (3.5)
Kazakhstan	33 (2.1)	66 (1.9)
Germany	33 (1.9)	62 (2.1)
International Average	**32 (0.5)**	**64 (0.5)**
Hungary	32 (2.9)	65 (2.3)
Slovenia	31 (3.1)	69 (2.9)
Qatar	31 (2.6)	59 (2.6) ▼
Saudi Arabia	28 (3.3)	62 (3.8)
Finland	28 (2.4)	57 (2.6) ▼
Italy	27 (2.3) ▼	56 (3.0) ▼
Malta	26 (3.6)	57 (3.5) ▼
Denmark	26 (2.5) ▼	66 (2.5)
Norway (5)	25 (2.6) ▼	61 (2.8)
Portugal	25 (2.3) ▼	57 (2.8) ▼
Spain	24 (1.5) ▼	63 (2.0)
United Arab Emirates	23 (0.9) ▼	47 (1.4) ▼
Belgium (Flemish)	17 (1.9) ▼	55 (3.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	49 (2.5) ▲	77 (1.9) ▲
Newfoundland & Labrador, Can.	40 (4.0)	79 (2.9) ▲
Quebec, Canada	35 (2.4)	66 (2.6)
Dubai, UAE	34 (1.8)	63 (2.1)
Alberta, Canada	32 (2.1)	66 (2.6)
British Columbia, Canada	31 (2.3)	59 (2.5)
Abu Dhabi, UAE	19 (1.4) ▼	38 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41B17 (Pemba Sherpa): Describe what Yang Ki is like
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	63 (3.6) ▲	93 (1.7) ▲
Singapore	52 (1.9) ▲	90 (1.1) ▲
Chinese Taipei	52 (2.6) ▲	90 (1.6) ▲
Russian Federation	51 (2.9) ▲	90 (2.4) ▲
Finland	41 (2.8) ▲	92 (1.0) ▲
Malta	39 (2.7)	82 (3.3)
Sweden	37 (3.0)	88 (2.3) ▲
Germany	36 (1.9)	89 (1.4) ▲
Spain	36 (2.3)	78 (1.7) ▼
Israel	35 (2.3)	78 (2.4) ▼
Hungary	35 (2.5)	79 (2.4)
Denmark	34 (2.3)	84 (2.0)
International Average	**34 (0.5)**	**83 (0.4)**
Qatar	33 (2.4)	77 (2.1) ▼
Lithuania	33 (2.3)	86 (2.2)
Czech Republic	31 (2.3)	91 (1.2) ▲
Italy	31 (2.4)	82 (2.2)
United Arab Emirates	31 (1.3) ▼	70 (0.7) ▼
Kazakhstan	30 (2.0)	87 (1.3) ▲
New Zealand	30 (2.4)	80 (2.6)
Slovak Republic	28 (2.8) ▼	83 (2.7)
Slovenia	20 (2.5) ▼	86 (2.3)
Norway (5)	19 (2.1) ▼	88 (2.0) ▲
Saudi Arabia	18 (2.6) ▼	62 (3.4) ▼
Belgium (Flemish)	17 (2.5) ▼	77 (2.8) ▼
Portugal	13 (1.5) ▼	69 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	69 (2.3) ▲	98 (0.6) ▲
Dubai, UAE	45 (2.0) ▲	85 (1.3)
Quebec, Canada	40 (2.2) ▲	80 (2.4)
Newfoundland & Labrador, Can.	32 (3.4)	86 (2.6)
Alberta, Canada	31 (2.7)	79 (2.8)
British Columbia, Canada	31 (2.1)	85 (2.0)
Abu Dhabi, UAE	22 (1.8) ▼	61 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T01 (Ostrich and the Hat): Where in Africa was Obed's house
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	99 (0.4) ▲
Norway (5)	98 (0.9) ▲
Croatia	98 (0.9) ▲
Czech Republic	98 (0.5) ▲
Russian Federation	97 (0.8) ▲
Slovenia	96 (0.9) ▲
Hungary	96 (1.2) ▲
Portugal	96 (1.0) ▲
Chinese Taipei	96 (1.0) ▲
Slovak Republic	95 (1.2) ▲
Finland	95 (0.8) ▲
Lithuania	95 (1.3)
Belgium (Flemish)	94 (1.4)
Kazakhstan	94 (1.2)
Malta	93 (1.5)
International Average	**93 (0.3)**
Denmark	91 (1.3)
Germany	91 (1.0)
Spain	91 (1.4)
Qatar	91 (1.2)
Italy	90 (1.4)
New Zealand	89 (1.5) ▼
Israel	86 (1.9) ▼
United Arab Emirates	84 (0.7) ▼
Saudi Arabia	79 (2.4) ▼
Sweden	– –
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.7) ▲
Quebec, Canada	97 (0.9) ▲
Alberta, Canada	96 (1.4)
Dubai, UAE	95 (0.6) ▲
British Columbia, Canada	95 (0.9)
Newfoundland & Labrador, Can.	93 (1.7)
Abu Dhabi, UAE	74 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE51T02 (Ostrich and the Hat): How reader knows Obed's hat was well-known
Multiple Choice (Key is B)

Country	Percent Full Credit
Norway (5)	57 (2.3) ▲
Singapore	56 (1.8) ▲
Portugal	55 (2.4) ▲
Spain	55 (2.3) ▲
Russian Federation	53 (2.3) ▲
Croatia	52 (3.9)
Slovenia	51 (3.0)
Czech Republic	50 (2.4)
Finland	50 (2.2)
Belgium (Flemish)	48 (3.2)
Italy	48 (2.8)
United Arab Emirates	47 (1.0)
International Average	**46 (0.5)**
Kazakhstan	45 (2.3)
Sweden	44 (2.7)
Israel	44 (2.2)
Malta	43 (3.4)
Denmark	43 (2.6)
New Zealand	41 (2.1) ▼
Germany	41 (2.2) ▼
Qatar	40 (2.0) ▼
Hungary	37 (2.9) ▼
Chinese Taipei	37 (2.2) ▼
Slovak Republic	33 (2.9) ▼
Saudi Arabia	32 (3.1) ▼
Lithuania	– –
Benchmarking Participants	
Moscow City, Russian Fed.	63 (2.4) ▲
Dubai, UAE	58 (1.9) ▲
Quebec, Canada	51 (3.0)
British Columbia, Canada	49 (2.4)
Newfoundland & Labrador, Can.	47 (3.1)
Alberta, Canada	46 (2.6)
Abu Dhabi, UAE	44 (1.3)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE51T03 (Ostrich and the Hat): How Obed loses his hat
Multiple Choice (Key is C)

Country	Percent Full Credit
Czech Republic	88 (1.7) ▲
Italy	86 (1.9) ▲
Slovenia	85 (1.8) ▲
Croatia	85 (2.5) ▲
Singapore	83 (1.3) ▲
Israel	80 (2.0) ▲
Lithuania	77 (2.6) ▲
Belgium (Flemish)	76 (2.5)
Portugal	75 (2.1)
Russian Federation	75 (2.9)
Hungary	74 (2.4)
Kazakhstan	72 (2.2)
International Average	**72 (0.5)**
Spain	71 (2.0)
Finland	71 (2.0)
Norway (5)	70 (2.6)
Denmark	67 (2.9)
Chinese Taipei	67 (2.1) ▼
Sweden	67 (2.6) ▼
New Zealand	65 (2.5) ▼
Qatar	63 (2.0) ▼
Malta	62 (3.0) ▼
Germany	61 (2.1) ▼
Slovak Republic	61 (3.4) ▼
United Arab Emirates	59 (0.9) ▼
Saudi Arabia	56 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.5) ▲
Quebec, Canada	86 (1.4) ▲
Dubai, UAE	73 (1.7)
British Columbia, Canada	73 (2.1)
Alberta, Canada	71 (2.9)
Newfoundland & Labrador, Can.	64 (2.5) ▼
Abu Dhabi, UAE	45 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T04 (Ostrich and the Hat): Author repeats the word "searched"
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	85 (1.9) ▲
Lithuania	83 (1.9) ▲
Russian Federation	82 (2.2) ▲
Italy	78 (2.4) ▲
Spain	78 (2.0) ▲
Croatia	76 (4.0) ▲
Norway (5)	75 (2.3) ▲
Singapore	75 (1.6) ▲
Malta	73 (2.7)
Germany	73 (2.2) ▲
Denmark	72 (2.7)
Israel	72 (2.3)
Slovenia	72 (2.8)
Portugal	71 (2.1)
Hungary	68 (2.9)
International Average	**68 (0.5)**
Belgium (Flemish)	68 (2.7)
Czech Republic	66 (2.4)
Slovak Republic	66 (3.3)
New Zealand	65 (2.8)
Finland	63 (2.7) ▼
Qatar	58 (2.1) ▼
United Arab Emirates	53 (1.1) ▼
Chinese Taipei	48 (2.5) ▼
Kazakhstan	47 (2.2) ▼
Saudi Arabia	41 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.6) ▲
Quebec, Canada	78 (2.9) ▲
British Columbia, Canada	77 (2.2) ▲
Dubai, UAE	75 (1.4) ▲
Alberta, Canada	74 (3.8)
Newfoundland & Labrador, Can.	74 (2.5) ▲
Abu Dhabi, UAE	44 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05 (Ostrich and the Hat): Obed wants to find his hat (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	59 (1.7) ▲	77 (1.6) ▲
Lithuania	59 (2.7) ▲	78 (2.0) ▲
Slovak Republic	55 (3.4) ▲	74 (2.7) ▲
Croatia	55 (3.5) ▲	78 (3.1) ▲
Russian Federation	55 (4.2) ▲	75 (3.6) ▲
Chinese Taipei	54 (2.7) ▲	76 (1.9) ▲
Germany	53 (2.0) ▲	75 (1.7) ▲
Czech Republic	52 (2.3) ▲	73 (2.1) ▲
Slovenia	50 (2.7)	70 (3.1)
Norway (5)	48 (2.9)	68 (2.6)
Hungary	46 (2.6)	63 (2.7)
Finland	45 (2.2)	66 (2.2)
Kazakhstan	45 (1.9)	59 (2.0) ▼
International Average	**45 (0.5)**	**66 (0.5)**
Sweden	44 (2.9)	68 (2.8)
Denmark	43 (2.3)	67 (2.3)
Portugal	43 (2.4)	68 (2.1)
Spain	41 (2.6)	68 (2.1)
Malta	40 (3.1)	57 (3.0) ▼
United Arab Emirates	37 (1.0) ▼	54 (1.1) ▼
Italy	36 (2.3) ▼	63 (3.0)
New Zealand	35 (2.2) ▼	55 (2.4) ▼
Belgium (Flemish)	34 (3.0) ▼	64 (2.8)
Qatar	33 (1.4) ▼	49 (2.1) ▼
Israel	32 (2.6) ▼	58 (2.3) ▼
Saudi Arabia	28 (2.9) ▼	47 (3.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	64 (2.4) ▲	87 (1.7) ▲
Dubai, UAE	48 (2.2)	69 (1.9)
Alberta, Canada	42 (3.9)	59 (4.3)
Quebec, Canada	42 (2.7)	66 (3.0)
British Columbia, Canada	38 (2.8) ▼	52 (2.8) ▼
Newfoundland & Labrador, Can.	30 (3.2) ▼	51 (2.7) ▼
Abu Dhabi, UAE	29 (1.5) ▼	44 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05A (Ostrich and the Hat): Obed wants to find (The hat was comfortable)
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	84 (1.6) ▲
Germany	80 (1.6) ▲
Slovak Republic	79 (2.7) ▲
Singapore	79 (1.3) ▲
Chinese Taipei	78 (2.0) ▲
Russian Federation	78 (2.3) ▲
Hungary	76 (2.5)
Finland	75 (2.0) ▲
Croatia	74 (3.2)
Czech Republic	74 (2.3)
Saudi Arabia	73 (2.9)
Slovenia	71 (2.9)
International Average	**71 (0.5)**
Sweden	70 (2.8)
Spain	70 (2.0)
Denmark	69 (2.3)
Belgium (Flemish)	69 (2.6)
Malta	68 (3.0)
Kazakhstan	68 (1.8)
Portugal	67 (2.2)
United Arab Emirates	67 (1.1) ▼
Norway (5)	65 (2.5) ▼
Israel	63 (2.1) ▼
Qatar	62 (2.0) ▼
New Zealand	60 (2.3) ▼
Italy	55 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.9) ▲
Dubai, UAE	71 (1.9)
Quebec, Canada	70 (2.3)
Abu Dhabi, UAE	62 (2.3) ▼
Alberta, Canada	61 (4.5) ▼
Newfoundland & Labrador, Can.	56 (3.2) ▼
British Columbia, Canada	53 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05B (Ostrich and the Hat): Obed wants to find (Precious liked the old hat)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	90 (2.3) ▲
Croatia	90 (2.6) ▲
Lithuania	90 (1.6) ▲
Singapore	89 (1.1) ▲
Slovenia	89 (1.9) ▲
Kazakhstan	89 (1.1) ▲
Czech Republic	87 (2.0)
Germany	87 (1.5) ▲
Slovak Republic	87 (2.0)
Qatar	86 (1.1) ▲
Malta	85 (2.0)
Finland	85 (1.6)
Norway (5)	85 (2.2)
International Average	**84 (0.4)**
Sweden	83 (1.8)
New Zealand	83 (1.6)
Spain	81 (2.1)
Chinese Taipei	81 (2.2)
Israel	81 (2.0)
Belgium (Flemish)	80 (2.1)
Saudi Arabia	79 (2.7)
United Arab Emirates	79 (0.9) ▼
Denmark	77 (2.3) ▼
Portugal	77 (2.0) ▼
Hungary	77 (3.0) ▼
Italy	74 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.9) ▲
Alberta, Canada	91 (1.1) ▲
British Columbia, Canada	89 (1.6) ▲
Dubai, UAE	87 (1.0) ▲
Quebec, Canada	87 (1.8) ▲
Newfoundland & Labrador, Can.	86 (2.0)
Abu Dhabi, UAE	71 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05C (Ostrich and the Hat): Obed wants to find (The hat saved his life)
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	87 (1.7) ▲
Chinese Taipei	86 (1.3) ▲
Russian Federation	86 (3.2) ▲
Croatia	85 (2.8) ▲
Italy	85 (2.0) ▲
Sweden	84 (2.4) ▲
Singapore	83 (1.3) ▲
Spain	83 (1.8) ▲
Norway (5)	83 (2.1) ▲
Slovenia	81 (2.2)
Czech Republic	81 (1.9)
Denmark	80 (2.4)
Slovak Republic	80 (2.7)
Germany	79 (1.4)
International Average	**78 (0.4)**
Belgium (Flemish)	76 (2.7)
Portugal	76 (2.1)
Malta	76 (2.3)
Kazakhstan	74 (2.2) ▼
Finland	73 (2.0) ▼
Israel	73 (2.3) ▼
New Zealand	73 (2.2) ▼
Qatar	72 (2.1) ▼
United Arab Emirates	72 (0.9) ▼
Hungary	71 (2.6) ▼
Saudi Arabia	60 (3.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.4) ▲
Quebec, Canada	86 (1.9) ▲
Alberta, Canada	83 (3.6)
British Columbia, Canada	79 (1.6)
Dubai, UAE	79 (1.5)
Newfoundland & Labrador, Can.	77 (2.8)
Abu Dhabi, UAE	68 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05D (Ostrich and the Hat): Obed wants to find (The hat was from Botswana)
Multiple Choice (Key is B)

Country	Percent Full Credit
Kazakhstan	91 (1.0) ▲
Russian Federation	91 (1.9) ▲
Qatar	90 (1.3) ▲
Portugal	89 (1.4) ▲
Italy	89 (1.8) ▲
Spain	89 (1.8) ▲
Singapore	88 (1.2) ▲
Israel	88 (1.5) ▲
Lithuania	88 (1.6) ▲
Germany	87 (1.1) ▲
Chinese Taipei	86 (1.8)
Croatia	85 (2.6)
International Average	**84 (0.4)**
Czech Republic	82 (1.9)
Slovak Republic	82 (2.7)
Denmark	81 (1.7)
Norway (5)	81 (2.0)
Saudi Arabia	81 (3.0)
Sweden	80 (2.4)
Finland	80 (2.1)
United Arab Emirates	80 (0.8) ▼
Hungary	80 (2.4)
New Zealand	78 (2.2) ▼
Malta	78 (2.4) ▼
Slovenia	77 (2.1) ▼
Belgium (Flemish)	74 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.9) ▲
Dubai, UAE	88 (1.1) ▲
Alberta, Canada	86 (3.5)
Newfoundland & Labrador, Can.	86 (2.2)
Quebec, Canada	83 (2.2)
British Columbia, Canada	83 (2.1)
Abu Dhabi, UAE	74 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T05E (Ostrich and the Hat): Obed wants to find (He loved the old hat)
Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	88 (1.4) ▲
Czech Republic	87 (1.8) ▲
Slovenia	86 (2.0) ▲
Singapore	86 (1.3) ▲
Croatia	85 (2.8) ▲
Norway (5)	84 (2.2) ▲
Slovak Republic	84 (2.2) ▲
Hungary	84 (1.9) ▲
Finland	83 (1.7) ▲
Lithuania	83 (1.7) ▲
Denmark	82 (1.9) ▲
Portugal	81 (1.5) ▲
Germany	81 (2.0)
Italy	79 (1.8)
Sweden	78 (2.3)
International Average	**77 (0.4)**
Belgium (Flemish)	75 (2.7)
Russian Federation	74 (3.7)
Malta	73 (3.2)
New Zealand	72 (2.1) ▼
Kazakhstan	71 (1.8) ▼
Spain	71 (2.3) ▼
United Arab Emirates	69 (1.2) ▼
Israel	67 (1.8) ▼
Saudi Arabia	56 (3.4) ▼
Qatar	56 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (2.1)
Dubai, UAE	76 (2.5)
Abu Dhabi, UAE	66 (1.8) ▼
Newfoundland & Labrador, Can.	65 (2.5) ▼
British Columbia, Canada	64 (2.4) ▼
Alberta, Canada	64 (4.3) ▼
Quebec, Canada	62 (2.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T06 (Ostrich and the Hat): Why Precious asks Obed to tell the story
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	85 (1.3) ▲
Russian Federation	85 (2.5) ▲
Croatia	82 (3.1) ▲
Sweden	80 (2.0) ▲
Italy	80 (2.2) ▲
Lithuania	80 (2.2) ▲
Spain	79 (1.6) ▲
Norway (5)	78 (2.2)
Denmark	77 (2.3)
Slovenia	76 (2.5)
Slovak Republic	75 (2.4)
International Average	**74 (0.5)**
Chinese Taipei	74 (2.0)
Belgium (Flemish)	74 (2.6)
Malta	73 (2.7)
Germany	73 (1.9)
Portugal	72 (2.1)
Kazakhstan	71 (2.2)
Finland	70 (2.0)
Israel	70 (2.1) ▼
Hungary	70 (3.2)
Qatar	69 (2.1) ▼
New Zealand	69 (2.4) ▼
Czech Republic	69 (1.7) ▼
United Arab Emirates	67 (0.9) ▼
Saudi Arabia	57 (3.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.3) ▲
Quebec, Canada	84 (1.9) ▲
Alberta, Canada	80 (4.1)
Dubai, UAE	80 (1.3) ▲
British Columbia, Canada	72 (2.4)
Newfoundland & Labrador, Can.	70 (3.2)
Abu Dhabi, UAE	58 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T07 (Ostrich and the Hat): Why Precious laughs while Obed tells the story
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	88 (1.3) ▲
Russian Federation	87 (2.1) ▲
Croatia	83 (2.8) ▲
Chinese Taipei	81 (1.8) ▲
Italy	79 (1.8) ▲
Finland	77 (1.7) ▲
Lithuania	77 (2.4)
Sweden	76 (2.4)
Norway (5)	75 (2.3)
Slovak Republic	75 (2.9)
Malta	74 (2.7)
International Average	**74 (0.5)**
Israel	73 (2.0)
Hungary	72 (2.8)
Spain	72 (1.7)
Denmark	72 (2.3)
New Zealand	72 (2.1)
Germany	71 (2.0)
Czech Republic	71 (2.2)
Slovenia	70 (2.6)
Kazakhstan	69 (1.7) ▼
Qatar	68 (2.5) ▼
Belgium (Flemish)	68 (2.6) ▼
United Arab Emirates	65 (0.9) ▼
Portugal	62 (2.2) ▼
Saudi Arabia	60 (3.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.2) ▲
Quebec, Canada	86 (1.6) ▲
Alberta, Canada	80 (3.7)
British Columbia, Canada	76 (2.2)
Dubai, UAE	76 (1.5)
Newfoundland & Labrador, Can.	75 (2.8)
Abu Dhabi, UAE	59 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T08 (Ostrich and the Hat): The purpose of adding this picture to the story
Multiple Choice (Key is D)

Country	Percent Full Credit
Croatia	93 (1.4) ▲
Russian Federation	92 (1.6) ▲
Lithuania	91 (1.7) ▲
Singapore	90 (1.0) ▲
Italy	90 (1.5) ▲
Slovak Republic	89 (2.2)
Hungary	89 (2.3)
Finland	89 (1.4) ▲
Czech Republic	88 (1.4)
Chinese Taipei	87 (1.5)
Kazakhstan	87 (1.6)
Slovenia	87 (1.9)
International Average	**85 (0.4)**
Portugal	85 (1.6)
Spain	85 (1.6)
Germany	85 (1.5)
Sweden	84 (2.2)
Norway (5)	84 (2.0)
Israel	83 (1.7)
Belgium (Flemish)	82 (2.4)
Malta	82 (2.1)
Qatar	80 (2.0) ▼
United Arab Emirates	80 (0.8) ▼
Saudi Arabia	79 (2.5) ▼
Denmark	77 (1.9) ▼
New Zealand	76 (2.0) ▼
Benchmarking Participants	
Quebec, Canada	94 (1.8) ▲
Moscow City, Russian Fed.	93 (1.2) ▲
Alberta, Canada	88 (2.2)
Dubai, UAE	88 (1.2)
Newfoundland & Labrador, Can.	86 (2.9)
British Columbia, Canada	83 (1.7)
Abu Dhabi, UAE	68 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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RE51T09 (Ostrich and the Hat): Why Obed thinks the ostrich wanted to attack him
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	79 (1.9) ▲
Singapore	79 (1.4) ▲
Sweden	75 (2.6) ▲
Hungary	74 (2.8) ▲
Germany	74 (1.9) ▲
Croatia	73 (3.4) ▲
Norway (5)	72 (2.8) ▲
Russian Federation	72 (2.1) ▲
Denmark	71 (2.6)
Slovenia	71 (3.2)
Italy	69 (2.6)
New Zealand	68 (2.0)
Spain	67 (2.2)
International Average	**66 (0.5)**
Malta	66 (2.8)
Portugal	66 (2.4)
Lithuania	66 (2.3)
Chinese Taipei	65 (2.1)
Czech Republic	64 (2.3)
Belgium (Flemish)	64 (3.2)
Slovak Republic	59 (3.2) ▼
Israel	59 (2.4) ▼
United Arab Emirates	53 (1.2) ▼
Kazakhstan	51 (2.1) ▼
Qatar	51 (2.3) ▼
Saudi Arabia	46 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.7) ▲
Quebec, Canada	77 (2.2) ▲
British Columbia, Canada	75 (2.4) ▲
Alberta, Canada	73 (3.0) ▲
Newfoundland & Labrador, Can.	72 (2.9) ▲
Dubai, UAE	68 (1.7)
Abu Dhabi, UAE	44 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T10 (Ostrich and the Hat): Why did Obed think he could trick the ostrich
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	77 (2.5) ▲
Russian Federation	75 (2.7) ▲
Norway (5)	75 (2.2) ▲
Singapore	73 (1.5) ▲
Lithuania	70 (2.7) ▲
Croatia	70 (3.3) ▲
Chinese Taipei	69 (2.1) ▲
Hungary	69 (2.8) ▲
Denmark	69 (2.6) ▲
Italy	68 (2.4) ▲
Slovak Republic	67 (2.9)
Finland	67 (2.6)
Portugal	66 (2.1)
Spain	65 (2.2)
International Average	**63 (0.5)**
Czech Republic	62 (2.0)
Israel	61 (2.5)
Germany	59 (2.3)
Malta	59 (3.2)
Slovenia	57 (2.9)
Kazakhstan	56 (2.3) ▼
Belgium (Flemish)	53 (2.5) ▼
Saudi Arabia	49 (3.9) ▼
New Zealand	47 (2.7) ▼
United Arab Emirates	47 (1.0) ▼
Qatar	41 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.7) ▲
Quebec, Canada	73 (2.4) ▲
Dubai, UAE	63 (1.5)
British Columbia, Canada	61 (2.3)
Alberta, Canada	60 (2.8)
Newfoundland & Labrador, Can.	59 (3.2)
Abu Dhabi, UAE	35 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T11 (Ostrich and the Hat): Why the ostrich backed off
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	84 (1.4) ▲	90 (1.1) ▲
Norway (5)	79 (2.5) ▲	88 (1.8) ▲
Croatia	78 (3.5) ▲	88 (2.7) ▲
Denmark	76 (2.2) ▲	87 (1.8) ▲
Lithuania	75 (2.3) ▲	85 (2.1) ▲
Russian Federation	75 (2.3) ▲	87 (2.3) ▲
Spain	73 (2.0) ▲	80 (2.0)
Czech Republic	73 (1.8) ▲	81 (1.5) ▲
Sweden	73 (3.1)	85 (2.0) ▲
Slovenia	72 (2.5)	79 (2.2)
Italy	71 (2.4)	80 (2.2)
Germany	70 (1.9)	80 (1.6)
Hungary	69 (2.8)	77 (2.6)
Slovak Republic	69 (3.2)	81 (2.9)
Chinese Taipei	68 (2.6)	80 (2.2)
International Average	**68 (0.5)**	**78 (0.5)**
Belgium (Flemish)	65 (3.1)	76 (2.7)
Israel	64 (2.2)	75 (2.1)
Malta	64 (3.1)	76 (2.7)
Kazakhstan	62 (1.9) ▼	75 (1.8)
Portugal	62 (2.4) ▼	72 (2.5) ▼
Finland	61 (2.4) ▼	71 (2.1) ▼
New Zealand	58 (2.4) ▼	71 (2.4) ▼
Qatar	56 (2.2) ▼	69 (2.3) ▼
United Arab Emirates	55 (1.0) ▼	64 (0.9) ▼
Saudi Arabia	41 (3.7) ▼	54 (4.0) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	83 (1.8) ▲	89 (1.6) ▲
Quebec, Canada	81 (2.5) ▲	90 (1.7) ▲
Alberta, Canada	75 (3.8)	84 (2.6) ▲
Dubai, UAE	73 (1.5) ▲	80 (1.3)
British Columbia, Canada	72 (2.6)	83 (2.1) ▲
Newfoundland & Labrador, Can.	68 (3.0)	78 (2.2)
Abu Dhabi, UAE	45 (1.4) ▼	52 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T12 (Ostrich and the Hat): Main lesson from Obed's story about the ostrich
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	87 (1.6) ▲
Norway (5)	86 (2.2) ▲
Russian Federation	85 (2.8) ▲
Singapore	82 (1.4) ▲
Croatia	82 (2.8) ▲
Belgium (Flemish)	81 (2.6) ▲
Hungary	81 (2.4) ▲
Sweden	79 (2.6) ▲
Lithuania	79 (2.1) ▲
Denmark	77 (2.3) ▲
Czech Republic	75 (2.1) ▲
Malta	74 (3.2)
Germany	73 (1.9)
Slovak Republic	73 (2.2)
Italy	71 (2.4)
International Average	**71 (0.5)**
Israel	69 (2.4)
New Zealand	67 (2.6)
Portugal	66 (2.2) ▼
Slovenia	63 (2.6) ▼
Qatar	63 (2.3) ▼
Kazakhstan	57 (2.1) ▼
United Arab Emirates	56 (1.0) ▼
Spain	53 (2.7) ▼
Chinese Taipei	46 (2.6) ▼
Saudi Arabia	40 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (2.1) ▲
British Columbia, Canada	75 (2.6)
Newfoundland & Labrador, Can.	72 (3.2)
Alberta, Canada	72 (2.8)
Dubai, UAE	70 (1.3)
Quebec, Canada	58 (2.8) ▼
Abu Dhabi, UAE	45 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T13 (Ostrich and the Hat): What shows that Precious cares about her father
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Denmark	32 (2.7) ▲	80 (2.2) ▲
Norway (5)	29 (2.9) ▲	67 (3.0)
Hungary	28 (2.4) ▲	71 (3.1)
Russian Federation	28 (2.8) ▲	85 (2.6) ▲
Singapore	27 (1.5) ▲	88 (1.2) ▲
Finland	26 (1.7) ▲	70 (2.4)
Croatia	26 (3.2)	79 (2.9) ▲
Sweden	25 (2.4)	78 (2.6) ▲
Belgium (Flemish)	23 (3.1)	68 (2.9)
Malta	23 (2.8)	65 (3.0)
Qatar	23 (2.0)	64 (2.9)
Lithuania	22 (1.9)	74 (2.1) ▲
Germany	21 (2.0)	60 (2.2) ▼
International Average	**21 (0.4)**	**67 (0.5)**
United Arab Emirates	20 (0.9)	60 (1.1) ▼
Czech Republic	20 (1.9)	66 (2.3)
Slovak Republic	20 (2.2)	64 (2.9)
Spain	19 (1.9)	62 (2.5) ▼
Kazakhstan	19 (1.6)	54 (2.2) ▼
New Zealand	19 (2.0)	56 (2.2) ▼
Slovenia	17 (1.8) ▼	60 (2.9) ▼
Saudi Arabia	14 (2.4) ▼	47 (3.1) ▼
Israel	14 (1.9) ▼	49 (3.0) ▼
Chinese Taipei	13 (1.4) ▼	74 (2.2) ▲
Portugal	10 (1.4) ▼	61 (2.1) ▼
Italy	9 (1.3) ▼	74 (2.5) ▲
Benchmarking Participants		
Quebec, Canada	39 (2.7) ▲	87 (1.7) ▲
Newfoundland & Labrador, Can.	36 (3.4) ▲	74 (3.7) ▲
British Columbia, Canada	32 (2.8) ▲	79 (1.8) ▲
Dubai, UAE	32 (1.6) ▲	80 (1.5) ▲
Alberta, Canada	28 (2.9) ▲	76 (3.2) ▲
Moscow City, Russian Fed.	25 (2.1)	86 (1.5) ▲
Abu Dhabi, UAE	14 (0.9) ▼	48 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14 (Ostrich and the Hat): Two stories: about Obed, about ostrich (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Lithuania	66 (2.3) ▲
Singapore	65 (1.8) ▲
Finland	59 (1.9) ▲
Croatia	58 (3.7) ▲
Denmark	57 (2.4) ▲
Russian Federation	56 (3.3) ▲
Slovenia	56 (3.0) ▲
Hungary	55 (2.9) ▲
Italy	54 (2.3) ▲
Chinese Taipei	54 (2.4) ▲
Sweden	53 (3.1)
Germany	51 (2.2)
Czech Republic	51 (2.5)
International Average	**49 (0.5)**
Portugal	48 (2.3)
Malta	48 (2.8)
Israel	46 (2.5)
Belgium (Flemish)	46 (2.7)
Norway (5)	46 (2.7)
New Zealand	44 (2.5) ▼
Slovak Republic	40 (2.9) ▼
United Arab Emirates	39 (1.1) ▼
Spain	36 (1.8) ▼
Qatar	36 (2.0) ▼
Kazakhstan	35 (2.1) ▼
Saudi Arabia	28 (3.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.9) ▲
Quebec, Canada	70 (2.5) ▲
Dubai, UAE	55 (2.0) ▲
Alberta, Canada	52 (3.9)
British Columbia, Canada	47 (2.7)
Newfoundland & Labrador, Can.	43 (3.1) ▼
Abu Dhabi, UAE	31 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14A (Ostrich and the Hat): Two stories (looking for stray cattle)
Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	88 (1.8) ▲
Finland	87 (2.0) ▲
Lithuania	86 (2.0) ▲
Sweden	85 (2.7) ▲
Slovenia	85 (2.2) ▲
Germany	85 (1.5) ▲
Russian Federation	84 (2.2) ▲
Italy	83 (1.7) ▲
Singapore	83 (1.4) ▲
Chinese Taipei	83 (1.9) ▲
Croatia	82 (3.3)
Kazakhstan	81 (1.8)
Portugal	79 (2.1)
Belgium (Flemish)	79 (2.0)
International Average	**78 (0.5)**
Hungary	78 (2.4)
Spain	78 (1.6)
New Zealand	77 (2.3)
Czech Republic	75 (2.5)
Malta	74 (2.5)
Norway (5)	73 (2.6) ▼
United Arab Emirates	71 (0.9) ▼
Israel	71 (2.0) ▼
Qatar	70 (2.4) ▼
Slovak Republic	68 (3.1) ▼
Saudi Arabia	53 (3.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.5) ▲
Quebec, Canada	88 (1.8) ▲
Alberta, Canada	83 (2.2) ▲
British Columbia, Canada	81 (2.1)
Dubai, UAE	80 (1.3)
Newfoundland & Labrador, Can.	77 (2.2)
Abu Dhabi, UAE	67 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14B (Ostrich and the Hat): Two stories (searched for the hat)
Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	98 (1.2) ▲
Denmark	97 (0.8) ▲
Sweden	96 (1.3) ▲
Finland	96 (0.7) ▲
Lithuania	96 (1.2)
Singapore	96 (0.8) ▲
Croatia	95 (1.5)
Slovenia	95 (1.1)
Spain	95 (0.9)
Germany	95 (0.9)
Italy	94 (1.2)
Norway (5)	94 (1.4)
Chinese Taipei	94 (1.2)
Malta	94 (1.7)
International Average	**94 (0.3)**
Hungary	94 (1.6)
Kazakhstan	93 (0.9)
Belgium (Flemish)	93 (1.7)
Israel	92 (1.2)
Czech Republic	92 (1.0)
Slovak Republic	92 (2.1)
New Zealand	92 (1.4)
Portugal	92 (1.2)
Qatar	90 (1.3) ▼
Saudi Arabia	88 (2.5) ▼
United Arab Emirates	88 (0.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.8) ▲
Quebec, Canada	97 (0.9) ▲
British Columbia, Canada	95 (1.1)
Alberta, Canada	95 (0.7)
Newfoundland & Labrador, Can.	94 (1.7)
Dubai, UAE	94 (0.9)
Abu Dhabi, UAE	81 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14C (Ostrich and the Hat): Two stories (held on to his hat when it was windy)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	92 (0.9) ▲
Lithuania	91 (1.8) ▲
Russian Federation	91 (2.0) ▲
Germany	90 (1.3) ▲
Italy	90 (1.5) ▲
Slovenia	90 (1.6) ▲
Denmark	89 (1.6) ▲
Hungary	89 (1.7)
Czech Republic	88 (1.3)
Chinese Taipei	88 (1.6)
Finland	87 (1.7)
International Average	**86 (0.4)**
Israel	86 (1.7)
Portugal	85 (2.0)
Malta	85 (2.9)
Slovak Republic	85 (2.4)
Saudi Arabia	84 (2.6)
Croatia	83 (3.1)
Kazakhstan	83 (1.8)
Sweden	83 (2.3)
New Zealand	81 (2.2) ▼
Norway (5)	81 (2.1) ▼
Qatar	81 (1.5) ▼
United Arab Emirates	81 (1.1) ▼
Belgium (Flemish)	81 (2.5) ▼
Spain	80 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.2) ▲
Quebec, Canada	89 (1.6) ▲
Alberta, Canada	87 (2.2)
Dubai, UAE	87 (1.3)
Newfoundland & Labrador, Can.	86 (2.8)
British Columbia, Canada	85 (1.3)
Abu Dhabi, UAE	74 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14D (Ostrich and the Hat): Two stories (put his hat on a stick)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	89 (1.0) ▲
Russian Federation	87 (2.2) ▲
Lithuania	87 (1.5) ▲
Hungary	87 (2.1) ▲
Sweden	86 (2.0) ▲
Finland	85 (1.3) ▲
Norway (5)	84 (2.2)
Czech Republic	83 (1.5)
Chinese Taipei	82 (2.2)
New Zealand	82 (2.0)
Croatia	82 (3.1)
International Average	**80 (0.4)**
Denmark	80 (2.3)
Italy	79 (2.1)
Malta	79 (2.5)
Israel	79 (1.9)
Slovenia	79 (2.1)
Spain	78 (2.0)
Germany	77 (1.8)
Slovak Republic	77 (2.2)
Belgium (Flemish)	77 (2.8)
Portugal	76 (2.2)
Qatar	75 (2.4) ▼
Kazakhstan	72 (2.3) ▼
Saudi Arabia	72 (3.6) ▼
United Arab Emirates	71 (1.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.9) ▲
Quebec, Canada	93 (1.2) ▲
Dubai, UAE	85 (1.3) ▲
British Columbia, Canada	81 (2.2)
Alberta, Canada	79 (4.1)
Newfoundland & Labrador, Can.	77 (3.0)
Abu Dhabi, UAE	65 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T14E (Ostrich and the Hat): Two stories (hat was in good shape when found)
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	91 (1.4) ▲
Slovenia	90 (1.7) ▲
Singapore	89 (1.1) ▲
Chinese Taipei	89 (1.7) ▲
Russian Federation	89 (2.2) ▲
Italy	87 (2.1)
Finland	86 (1.8)
Kazakhstan	86 (1.8)
New Zealand	85 (1.9)
Germany	85 (1.5)
Croatia	85 (2.9)
Czech Republic	85 (1.3)
Hungary	85 (1.9)
Slovak Republic	84 (2.5)
International Average	**84 (0.4)**
Denmark	83 (1.9)
Malta	83 (1.8)
Portugal	81 (1.9)
Sweden	81 (2.5)
Norway (5)	81 (2.1)
Israel	81 (2.1)
United Arab Emirates	80 (0.9) ▼
Qatar	80 (2.1) ▼
Belgium (Flemish)	79 (2.3) ▼
Saudi Arabia	77 (3.9)
Spain	73 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (1.0) ▲
Alberta, Canada	90 (2.0) ▲
Dubai, UAE	86 (1.3)
British Columbia, Canada	86 (1.6)
Quebec, Canada	85 (2.2)
Newfoundland & Labrador, Can.	81 (3.0)
Abu Dhabi, UAE	73 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T15 (Ostrich and the Hat): Why The Ostrich and the Hat is a good title
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	42 (3.3) ▲	76 (3.7) ▲
Singapore	41 (1.9) ▲	72 (1.6) ▲
Israel	35 (2.8) ▲	65 (2.3)
Spain	33 (2.0) ▲	75 (1.8) ▲
Russian Federation	33 (2.8) ▲	76 (3.2) ▲
Lithuania	32 (2.8) ▲	77 (2.0) ▲
Portugal	32 (2.2) ▲	65 (2.2)
Sweden	31 (3.2)	84 (2.5) ▲
Norway (5)	30 (2.5)	77 (2.4) ▲
Czech Republic	30 (2.2)	73 (2.3) ▲
Slovak Republic	29 (2.9)	79 (3.1) ▲
Italy	28 (2.5)	73 (2.4) ▲
Malta	27 (3.1)	61 (3.1)
International Average	**27 (0.5)**	**67 (0.5)**
Germany	25 (2.0)	66 (2.0)
Slovenia	25 (2.8)	73 (2.3) ▲
Hungary	23 (2.1)	72 (2.4)
United Arab Emirates	22 (0.8) ▼	48 (1.1) ▼
Finland	22 (2.2) ▼	77 (2.1) ▲
Denmark	21 (1.9) ▼	66 (2.7)
New Zealand	20 (1.9) ▼	54 (2.6) ▼
Qatar	20 (1.6) ▼	59 (3.0) ▼
Chinese Taipei	19 (2.1) ▼	53 (2.5) ▼
Saudi Arabia	17 (2.2) ▼	47 (3.8) ▼
Kazakhstan	16 (1.6) ▼	44 (2.2) ▼
Belgium (Flemish)	12 (1.9) ▼	64 (3.2)
Benchmarking Participants		
Moscow City, Russian Fed.	45 (2.1) ▲	86 (1.7) ▲
Quebec, Canada	40 (2.8) ▲	81 (1.9) ▲
Dubai, UAE	38 (1.4) ▲	70 (1.3) ▲
Alberta, Canada	28 (4.1)	73 (3.8)
Newfoundland & Labrador, Can.	28 (3.1)	68 (3.8)
British Columbia, Canada	27 (2.2)	72 (2.0) ▲
Abu Dhabi, UAE	17 (0.8) ▼	39 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51T16 (Ostrich and the Hat): What Obed is like
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	51 (4.1) ▲	90 (2.3) ▲
Singapore	47 (1.8) ▲	74 (1.4) ▲
Russian Federation	46 (3.2) ▲	85 (3.2) ▲
Sweden	34 (3.1) ▲	72 (3.0)
Finland	31 (2.4) ▲	79 (1.7) ▲
Hungary	31 (2.6) ▲	67 (2.4)
Spain	31 (2.3) ▲	70 (1.6) ▲
Qatar	29 (2.2)	58 (3.0) ▼
Chinese Taipei	28 (2.3)	84 (2.1) ▲
Lithuania	28 (2.2)	77 (2.0) ▲
Malta	26 (2.7)	66 (3.6)
International Average	**25 (0.5)**	**66 (0.5)**
Denmark	25 (2.3)	73 (2.6) ▲
Kazakhstan	22 (1.8)	78 (1.8) ▲
Israel	22 (2.1)	66 (2.6)
Slovak Republic	21 (3.2)	77 (2.9) ▲
New Zealand	20 (2.0) ▼	55 (2.5) ▼
United Arab Emirates	20 (1.1) ▼	48 (0.9) ▼
Norway (5)	18 (2.4) ▼	57 (2.9) ▼
Slovenia	18 (2.6) ▼	62 (3.1)
Germany	17 (1.7) ▼	71 (2.0) ▲
Czech Republic	17 (1.8) ▼	64 (2.3)
Portugal	16 (2.0) ▼	43 (2.9) ▼
Italy	14 (2.0) ▼	62 (2.7)
Belgium (Flemish)	13 (2.3) ▼	49 (3.4) ▼
Saudi Arabia	9 (2.5) ▼	32 (3.1) ▼
Benchmarking Participants		
Quebec, Canada	46 (3.1) ▲	76 (2.6) ▲
Dubai, UAE	32 (1.7) ▲	66 (1.7)
Newfoundland & Labrador, Can.	30 (4.0)	57 (3.1) ▼
British Columbia, Canada	29 (2.4)	71 (2.9)
Moscow City, Russian Fed.	27 (2.2)	85 (1.7) ▲
Alberta, Canada	20 (3.0)	62 (3.7)
Abu Dhabi, UAE	13 (1.1) ▼	34 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE31U01 (The Summer My Father Was 10): Who Marie plants with
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	98 (0.6) ▲
Finland	97 (0.9) ▲
Czech Republic	94 (1.0) ▲
Slovak Republic	93 (1.6) ▲
Germany	92 (1.1) ▲
Sweden	92 (1.4) ▲
Russian Federation	92 (2.2) ▲
Denmark	91 (1.7) ▲
Singapore	91 (1.3) ▲
Slovenia	90 (1.9)
Norway (5)	90 (1.8)
Lithuania	89 (1.8)
Chinese Taipei	89 (2.0)
Israel	87 (1.4)
International Average	**87 (0.3)**
Belgium (Flemish)	87 (2.1)
Italy	87 (1.7)
Hungary	86 (1.8)
Spain	86 (1.7)
Malta	86 (2.4)
Portugal	83 (1.6) ▼
Qatar	83 (1.6) ▼
Kazakhstan	82 (1.8) ▼
Saudi Arabia	75 (2.5) ▼
United Arab Emirates	73 (0.8) ▼
New Zealand	72 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.6) ▲
Quebec, Canada	92 (1.3) ▲
Dubai, UAE	82 (0.9) ▼
Alberta, Canada	75 (3.4) ▼
Newfoundland & Labrador, Can.	72 (2.4) ▼
British Columbia, Canada	70 (2.8) ▼
Abu Dhabi, UAE	66 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U02 (The Summer My Father Was 10): What Mr. Bellavista does
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	98 (0.5) ▲
Italy	98 (0.7) ▲
Spain	97 (0.8) ▲
Croatia	97 (1.3) ▲
Denmark	96 (1.1)
Malta	95 (1.2)
Sweden	95 (1.2)
Slovenia	95 (1.2)
Norway (5)	95 (1.3)
Lithuania	95 (1.3)
Slovak Republic	95 (1.2)
Chinese Taipei	95 (1.3)
Russian Federation	95 (1.6)
Finland	95 (1.1)
Israel	94 (1.0)
Czech Republic	94 (1.8)
International Average	**94 (0.3)**
New Zealand	93 (1.3)
Germany	93 (1.1)
Kazakhstan	92 (1.2)
Belgium (Flemish)	92 (1.5)
Hungary	92 (1.6)
Portugal	91 (1.3)
Qatar	88 (1.6) ▼
United Arab Emirates	86 (0.7) ▼
Saudi Arabia	84 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.7) ▲
British Columbia, Canada	97 (1.0) ▲
Newfoundland & Labrador, Can.	97 (1.3) ▲
Dubai, UAE	95 (0.5) ▲
Alberta, Canada	94 (1.6)
Quebec, Canada	94 (1.1)
Abu Dhabi, UAE	81 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U03 (The Summer My Father Was 10): Why Peter doesn't know Mr B
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	92 (1.2) ▲
Croatia	88 (2.5) ▲
Finland	87 (2.2) ▲
Sweden	85 (1.9) ▲
Czech Republic	83 (2.1) ▲
Slovak Republic	82 (2.8)
Germany	82 (1.8) ▲
Norway (5)	81 (2.3)
Belgium (Flemish)	81 (2.5)
Slovenia	81 (2.5)
Chinese Taipei	81 (2.0)
Italy	80 (2.1)
Lithuania	80 (2.0)
Spain	79 (1.4)
International Average	**78 (0.5)**
Denmark	78 (2.2)
Portugal	77 (2.0)
Kazakhstan	76 (1.8)
New Zealand	74 (2.2) ▼
Russian Federation	74 (2.8)
Israel	73 (2.3) ▼
Hungary	73 (2.9)
Qatar	71 (2.4) ▼
Malta	70 (3.3) ▼
United Arab Emirates	69 (0.8) ▼
Saudi Arabia	57 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (2.0) ▲
Quebec, Canada	78 (1.8)
Dubai, UAE	77 (1.5)
British Columbia, Canada	77 (2.1)
Newfoundland & Labrador, Can.	75 (3.6)
Alberta, Canada	70 (3.3) ▼
Abu Dhabi, UAE	65 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U04 (The Summer My Father Was 10): How ball got into garden
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	90 (2.5) ▲
Singapore	87 (1.3) ▲
Czech Republic	87 (2.1) ▲
Lithuania	83 (1.8) ▲
Slovenia	81 (2.4) ▲
Germany	81 (2.0) ▲
Sweden	80 (2.4) ▲
Croatia	80 (2.8) ▲
Norway (5)	80 (2.3) ▲
Israel	76 (2.4)
Kazakhstan	76 (1.9)
Hungary	74 (2.5)
International Average	**73 (0.5)**
Chinese Taipei	73 (2.6)
Slovak Republic	71 (3.5)
Italy	71 (2.8)
Malta	70 (2.8)
Belgium (Flemish)	69 (2.8)
Finland	63 (3.2) ▼
Portugal	62 (2.2) ▼
Saudi Arabia	60 (2.4) ▼
Qatar	60 (2.6) ▼
United Arab Emirates	59 (1.0) ▼
New Zealand	58 (2.8) ▼
Denmark	– –
Spain	– –
Benchmarking Participants	
Moscow City, Russian Fed.	82 (2.5) ▲
Dubai, UAE	65 (1.8) ▼
Quebec, Canada	64 (2.1) ▼
Newfoundland & Labrador, Can.	54 (4.4) ▼
Abu Dhabi, UAE	53 (1.7) ▼
Alberta, Canada	51 (3.4) ▼
British Columbia, Canada	46 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE31U05 (The Summer My Father Was 10): Why Peter threw a tomato
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	96 (0.9) ▲
Croatia	92 (1.9) ▲
Lithuania	90 (1.5) ▲
Denmark	90 (1.4) ▲
Finland	90 (1.4) ▲
Hungary	88 (1.7) ▲
Chinese Taipei	87 (1.7) ▲
Sweden	87 (1.9)
Czech Republic	87 (1.6)
Spain	86 (1.3)
Russian Federation	86 (2.3)
Italy	86 (1.9)
Germany	84 (1.6)
International Average	**84 (0.4)**
Portugal	83 (2.1)
New Zealand	83 (2.3)
Norway (5)	82 (2.2)
Slovak Republic	82 (2.5)
Malta	81 (2.3)
Kazakhstan	81 (1.7)
Israel	81 (1.8)
Slovenia	80 (2.5)
Belgium (Flemish)	76 (2.9) ▼
Qatar	74 (2.3) ▼
United Arab Emirates	74 (0.9) ▼
Saudi Arabia	66 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.8) ▲
Quebec, Canada	88 (1.6) ▲
Dubai, UAE	85 (1.6)
Alberta, Canada	84 (2.4)
British Columbia, Canada	81 (2.2)
Newfoundland & Labrador, Can.	77 (3.7)
Abu Dhabi, UAE	68 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U06 (The Summer My Father Was 10): Why the boys didn't hear Mr. B
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	95 (1.1) ▲
Lithuania	92 (1.4) ▲
Croatia	89 (1.8) ▲
Hungary	86 (1.8) ▲
Russian Federation	86 (2.4) ▲
Sweden	86 (2.0) ▲
Slovak Republic	86 (2.4)
Finland	86 (1.8) ▲
Chinese Taipei	85 (2.0)
New Zealand	84 (1.8)
Malta	82 (2.8)
Denmark	82 (2.1)
Kazakhstan	82 (1.7)
Norway (5)	81 (2.1)
Czech Republic	81 (2.2)
International Average	**81 (0.4)**
Belgium (Flemish)	81 (2.6)
Italy	81 (2.2)
Spain	79 (1.5)
Germany	78 (1.9)
Portugal	77 (1.8) ▼
Israel	77 (1.9) ▼
Qatar	71 (2.1) ▼
United Arab Emirates	70 (1.0) ▼
Slovenia	70 (2.6) ▼
Saudi Arabia	62 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.5) ▲
Quebec, Canada	88 (1.8) ▲
Dubai, UAE	86 (1.1) ▲
British Columbia, Canada	83 (1.9)
Newfoundland & Labrador, Can.	82 (2.7)
Alberta, Canada	80 (3.0)
Abu Dhabi, UAE	61 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U07 (The Summer My Father Was 10): Words that show Peter won't talk
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	85 (1.2) ▲
Russian Federation	72 (3.1) ▲
Lithuania	70 (2.7) ▲
Slovak Republic	70 (3.0) ▲
Hungary	67 (2.6) ▲
Germany	66 (2.2) ▲
Denmark	66 (2.4)
New Zealand	66 (2.6)
Croatia	66 (3.0)
Belgium (Flemish)	65 (2.9)
Finland	65 (3.3)
Portugal	64 (2.0)
International Average	**62 (0.5)**
Spain	61 (2.1)
Sweden	61 (3.1)
Italy	60 (2.6)
Israel	59 (1.9)
Norway (5)	59 (2.7)
Chinese Taipei	58 (2.6)
Czech Republic	57 (2.2) ▼
United Arab Emirates	56 (0.8) ▼
Slovenia	56 (2.9) ▼
Malta	54 (3.0) ▼
Kazakhstan	51 (2.7) ▼
Qatar	49 (2.2) ▼
Saudi Arabia	39 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (2.1) ▲
Quebec, Canada	75 (2.2) ▲
British Columbia, Canada	73 (2.1) ▲
Alberta, Canada	69 (3.0) ▲
Newfoundland & Labrador, Can.	68 (3.1) ▲
Dubai, UAE	66 (1.9) ▲
Abu Dhabi, UAE	49 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U08 (The Summer My Father Was 10): What made Peter finally talk
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	78 (1.7) ▲
Hungary	77 (2.4) ▲
Italy	74 (2.3) ▲
Denmark	73 (1.9) ▲
Croatia	72 (3.8) ▲
Russian Federation	72 (3.5) ▲
Norway (5)	70 (2.3) ▲
Lithuania	69 (2.8) ▲
Finland	66 (2.3)
Chinese Taipei	65 (2.2)
Sweden	65 (2.7)
Czech Republic	64 (3.1)
International Average	**63 (0.5)**
Germany	62 (2.1)
Kazakhstan	61 (2.2)
New Zealand	61 (2.5)
Portugal	60 (2.2)
Slovak Republic	60 (3.7)
Spain	60 (2.2)
Israel	57 (2.4) ▼
Slovenia	56 (3.1) ▼
Malta	54 (4.0) ▼
Belgium (Flemish)	52 (3.1) ▼
United Arab Emirates	51 (1.1) ▼
Qatar	50 (2.1) ▼
Saudi Arabia	36 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (2.0) ▲
Quebec, Canada	76 (2.3) ▲
British Columbia, Canada	72 (2.5) ▲
Alberta, Canada	71 (2.5) ▲
Dubai, UAE	64 (1.5)
Newfoundland & Labrador, Can.	63 (2.7)
Abu Dhabi, UAE	47 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U09 (The Summer My Father Was 10): Why Peter asked to start a garden
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	96 (1.4) ▲
Lithuania	94 (1.3) ▲
Russian Federation	94 (1.7) ▲
Czech Republic	93 (1.1) ▲
Singapore	92 (1.2) ▲
Italy	92 (1.3) ▲
Finland	91 (1.3) ▲
Hungary	90 (1.6) ▲
Slovak Republic	90 (1.7) ▲
Spain	90 (1.3) ▲
Norway (5)	88 (1.7)
Chinese Taipei	88 (1.8)
Sweden	88 (2.3)
International Average	**86 (0.3)**
Kazakhstan	86 (1.6)
Slovenia	86 (1.9)
Portugal	86 (1.5)
Denmark	85 (1.6)
Israel	84 (1.6)
Germany	84 (1.7)
New Zealand	84 (2.1)
Malta	84 (2.1)
Belgium (Flemish)	82 (2.0) ▼
Qatar	80 (2.0) ▼
United Arab Emirates	77 (1.0) ▼
Saudi Arabia	57 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	100 (0.0) ▲
Alberta, Canada	92 (1.2) ▲
Quebec, Canada	91 (1.2) ▲
Newfoundland & Labrador, Can.	89 (2.9)
British Columbia, Canada	87 (1.6)
Dubai, UAE	87 (1.0)
Abu Dhabi, UAE	70 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U10 (The Summer My Father Was 10): Words that tell Peter feels better
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	81 (3.2) ▲
Singapore	77 (1.7) ▲
Lithuania	75 (2.3) ▲
Russian Federation	73 (2.9) ▲
Kazakhstan	64 (2.1) ▲
Sweden	56 (2.3) ▲
Slovak Republic	56 (4.8)
Italy	56 (3.1)
Hungary	53 (2.4)
Czech Republic	52 (3.0)
International Average	**51 (0.6)**
Spain	51 (2.4)
Slovenia	50 (3.6)
Chinese Taipei	50 (2.6)
Israel	50 (2.3)
Portugal	49 (2.3)
Finland	49 (3.3)
New Zealand	43 (2.9) ▼
Malta	43 (3.7) ▼
Belgium (Flemish)	41 (3.1) ▼
Norway (5)	40 (2.5) ▼
Germany	39 (2.1) ▼
Denmark	38 (2.6) ▼
United Arab Emirates	38 (1.2) ▼
Qatar	32 (2.5) ▼
Saudi Arabia	26 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (2.0) ▲
Quebec, Canada	63 (2.2) ▲
Dubai, UAE	52 (1.7)
Alberta, Canada	40 (3.1) ▼
Newfoundland & Labrador, Can.	34 (4.2) ▼
Abu Dhabi, UAE	33 (1.3) ▼
British Columbia, Canada	32 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

PIRLS 2021 Percent Correct Statistics for digitalPIRLS Achievement Items

RE31U11 (The Summer My Father Was 10): What 2 things Peter learned
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	82 (1.6) ▲	95 (1.1) ▲
Lithuania	78 (2.0) ▲	94 (1.2) ▲
Slovak Republic	76 (3.0) ▲	92 (1.4) ▲
Croatia	75 (3.0) ▲	96 (1.4) ▲
Czech Republic	74 (2.2) ▲	96 (1.1) ▲
Sweden	73 (2.4) ▲	95 (1.5) ▲
Chinese Taipei	72 (2.3) ▲	89 (1.8)
Slovenia	71 (3.0) ▲	92 (1.6) ▲
Finland	70 (2.3) ▲	94 (1.8) ▲
Norway (5)	68 (2.9)	92 (1.5) ▲
Germany	68 (2.0)	90 (1.7)
Denmark	68 (2.1)	92 (1.6) ▲
Russian Federation	67 (3.3)	82 (3.0)
Belgium (Flemish)	66 (3.0)	86 (2.2)
International Average	**64 (0.5)**	**87 (0.3)**
Kazakhstan	64 (1.8)	89 (1.0)
Italy	62 (2.5)	88 (1.6)
Israel	61 (2.4)	82 (1.7) ▼
Portugal	61 (2.4)	87 (1.4)
Hungary	58 (2.8) ▼	76 (2.3) ▼
New Zealand	56 (2.5) ▼	88 (1.7)
Malta	54 (3.1) ▼	80 (2.2) ▼
Spain	52 (2.1) ▼	84 (1.4) ▼
Qatar	52 (2.3) ▼	82 (1.8) ▼
United Arab Emirates	44 (1.1) ▼	69 (0.9) ▼
Saudi Arabia	29 (3.0) ▼	65 (2.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	77 (2.8) ▲	85 (2.3)
Quebec, Canada	72 (2.2) ▲	90 (1.6)
Dubai, UAE	61 (1.4) ▼	85 (1.0) ▼
Alberta, Canada	54 (3.6) ▼	88 (2.2)
British Columbia, Canada	51 (2.2) ▼	83 (1.9)
Newfoundland & Labrador, Can.	44 (3.2) ▼	76 (3.6) ▼
Abu Dhabi, UAE	36 (1.3) ▼	61 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U12 (The Summer My Father Was 10): Order events from story (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	98 (0.5) ▲
Croatia	94 (1.4) ▲
Lithuania	93 (1.6) ▲
Italy	92 (1.4) ▲
Finland	90 (1.4) ▲
Denmark	90 (1.7) ▲
Sweden	89 (1.9)
Russian Federation	89 (2.3)
Germany	88 (1.3)
New Zealand	88 (1.9)
Hungary	87 (2.0)
Norway (5)	87 (1.7)
Slovak Republic	87 (2.1)
Israel	87 (1.7)
Slovenia	87 (1.8)
Portugal	86 (1.5)
Spain	86 (2.0)
Czech Republic	86 (1.5)
Chinese Taipei	86 (1.7)
International Average	**86 (0.4)**
Belgium (Flemish)	86 (2.4)
Malta	82 (2.4)
Kazakhstan	81 (1.4) ▼
Qatar	78 (1.9) ▼
United Arab Emirates	72 (1.0) ▼
Saudi Arabia	60 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.2) ▲
Quebec, Canada	92 (1.9) ▲
British Columbia, Canada	89 (1.8)
Dubai, UAE	86 (1.6)
Alberta, Canada	85 (2.3)
Newfoundland & Labrador, Can.	79 (4.0)
Abu Dhabi, UAE	66 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U12A (The Summer My Father Was 10): Order events from story (finds the boys)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	98 (0.5) ▲
Italy	97 (1.0) ▲
Croatia	96 (1.1) ▲
Lithuania	95 (1.2) ▲
Finland	93 (1.0) ▲
Israel	93 (1.4)
Hungary	93 (1.3)
Denmark	93 (1.4)
Sweden	92 (1.4)
Norway (5)	92 (1.2)
New Zealand	92 (1.4)
Russian Federation	92 (2.0)
Portugal	92 (1.2)
Slovak Republic	91 (1.6)
Belgium (Flemish)	91 (1.8)
International Average	**91 (0.3)**
Czech Republic	90 (1.0)
Chinese Taipei	90 (1.5)
Malta	90 (2.0)
Spain	90 (1.8)
Germany	90 (1.2)
Slovenia	90 (1.8)
Kazakhstan	86 (1.3) ▼
Qatar	85 (1.5) ▼
United Arab Emirates	81 (0.8) ▼
Saudi Arabia	74 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (1.1) ▲
Quebec, Canada	94 (1.8)
British Columbia, Canada	93 (1.0) ▲
Alberta, Canada	91 (1.5)
Dubai, UAE	91 (0.9)
Newfoundland & Labrador, Can.	87 (3.9)
Abu Dhabi, UAE	76 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U12B (The Summer My Father Was 10): Order events from story (work together)
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	99 (0.3) ▲
Croatia	96 (1.2) ▲
Denmark	94 (1.4) ▲
Lithuania	94 (1.4) ▲
Italy	93 (1.3) ▲
Slovenia	93 (1.1) ▲
Germany	92 (1.2)
Russian Federation	92 (2.2)
Finland	92 (1.2)
Czech Republic	92 (1.5)
Chinese Taipei	92 (1.8)
Slovak Republic	92 (1.5)
Sweden	92 (1.7)
Belgium (Flemish)	92 (2.0)
Spain	91 (1.4)
New Zealand	91 (1.5)
Norway (5)	91 (1.6)
Hungary	90 (1.8)
Israel	90 (1.3)
International Average	**90 (0.3)**
Portugal	89 (1.3)
Malta	89 (1.8)
Kazakhstan	86 (1.5) ▼
Qatar	84 (1.6) ▼
United Arab Emirates	78 (1.0) ▼
Saudi Arabia	67 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (1.1) ▲
Quebec, Canada	94 (1.7) ▲
British Columbia, Canada	90 (1.8)
Dubai, UAE	90 (1.6)
Alberta, Canada	89 (2.2)
Newfoundland & Labrador, Can.	86 (3.8)
Abu Dhabi, UAE	73 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U12D (The Summer My Father Was 10): Order events from story (says I'm sorry)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	98 (0.5) ▲
Croatia	95 (1.3) ▲
Lithuania	94 (1.4) ▲
Italy	93 (1.4) ▲
Denmark	91 (1.5) ▲
Sweden	91 (1.6) ▲
Russian Federation	90 (2.0)
Finland	90 (1.4)
Norway (5)	89 (1.7)
Portugal	89 (1.2)
Germany	89 (1.4)
Hungary	89 (1.9)
New Zealand	89 (1.8)
Slovenia	89 (1.9)
Slovak Republic	88 (2.1)
Spain	88 (1.6)
Israel	88 (1.6)
International Average	**88 (0.3)**
Chinese Taipei	88 (1.9)
Belgium (Flemish)	87 (2.4)
Czech Republic	87 (1.5)
Malta	84 (2.4)
Kazakhstan	84 (1.2) ▼
Qatar	83 (1.7) ▼
United Arab Emirates	76 (1.0) ▼
Saudi Arabia	67 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.2) ▲
Quebec, Canada	92 (1.9) ▲
British Columbia, Canada	90 (1.8)
Alberta, Canada	90 (1.7)
Dubai, UAE	87 (1.6)
Newfoundland & Labrador, Can.	83 (2.5)
Abu Dhabi, UAE	71 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U13 (The Summer My Father Was 10): The lesson Peter learns
Multiple Choice (Key is B)

Country	Percent Full Credit
Croatia	99 (0.5) ▲
Finland	98 (0.7) ▲
Italy	98 (0.8) ▲
Czech Republic	97 (0.8) ▲
Singapore	97 (0.6) ▲
Slovenia	97 (0.8) ▲
Russian Federation	97 (1.1) ▲
Spain	97 (0.7) ▲
Slovak Republic	97 (0.8) ▲
Lithuania	96 (1.1) ▲
Denmark	96 (1.2) ▲
Hungary	96 (1.3) ▲
Sweden	94 (1.6)
Portugal	93 (1.3)
Chinese Taipei	93 (1.6)
Norway (5)	93 (1.4)
Germany	92 (1.1)
International Average	**92 (0.3)**
Belgium (Flemish)	91 (1.8)
Kazakhstan	91 (1.4)
Israel	90 (1.4)
New Zealand	88 (1.6) ▼
Qatar	81 (2.2) ▼
Malta	79 (2.5) ▼
United Arab Emirates	78 (0.7) ▼
Saudi Arabia	76 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	100 (0.3) ▲
British Columbia, Canada	92 (0.8)
Quebec, Canada	90 (1.5)
Dubai, UAE	90 (1.2) ▼
Alberta, Canada	89 (2.2)
Newfoundland & Labrador, Can.	89 (2.0)
Abu Dhabi, UAE	71 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31U14 (The Summer My Father Was 10): Example of Mr. B's kindness
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	69 (2.1) ▲
Russian Federation	65 (3.1) ▲
New Zealand	56 (2.5) ▲
Spain	56 (2.2) ▲
Malta	55 (3.2) ▲
Italy	54 (2.7) ▲
Slovenia	54 (3.0) ▲
Hungary	51 (2.8)
Kazakhstan	49 (1.8)
Finland	49 (3.2)
Qatar	48 (2.7)
International Average	**47 (0.6)**
Croatia	47 (3.6)
Norway (5)	46 (2.7)
Czech Republic	46 (2.5)
Portugal	46 (2.3)
Israel	44 (2.1)
Sweden	44 (3.2)
Slovak Republic	44 (4.0)
Denmark	44 (2.4)
Lithuania	42 (3.8)
Germany	38 (2.4) ▼
Belgium (Flemish)	38 (3.5) ▼
United Arab Emirates	35 (1.0) ▼
Saudi Arabia	34 (3.2) ▼
Chinese Taipei	30 (2.4) ▼
Benchmarking Participants	
British Columbia, Canada	61 (2.6) ▲
Alberta, Canada	57 (3.0) ▲
Quebec, Canada	54 (1.9) ▲
Dubai, UAE	53 (2.2) ▲
Newfoundland & Labrador, Can.	53 (3.6)
Moscow City, Russian Fed.	44 (3.3)
Abu Dhabi, UAE	30 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M01 (Library Mouse): Who is Sam
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	100 (0.0) ▲
Italy	100 (0.3) ▲
Spain	99 (0.4) ▲
Portugal	99 (0.3) ▲
Israel	98 (0.7) ▲
Norway (5)	98 (0.6) ▲
Malta	98 (0.9) ▲
Slovak Republic	96 (0.9)
Belgium (Flemish)	96 (1.4)
Denmark	96 (0.7)
Hungary	95 (1.4)
Finland	95 (1.4)
International Average	**95 (0.2)**
Germany	95 (1.0)
Chinese Taipei	95 (0.9)
Sweden	94 (1.4)
Saudi Arabia	94 (1.2)
Lithuania	94 (1.2)
Slovenia	94 (1.6)
Russian Federation	93 (1.9)
Czech Republic	93 (1.3)
Singapore	93 (1.1)
New Zealand	92 (1.3) ▼
Qatar	91 (1.7) ▼
Kazakhstan	89 (1.4) ▼
United Arab Emirates	88 (0.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.7) ▲
Alberta, Canada	97 (0.6) ▲
Quebec, Canada	97 (1.2)
British Columbia, Canada	96 (0.9)
Newfoundland & Labrador, Can.	95 (1.4)
Dubai, UAE	94 (0.9)
Abu Dhabi, UAE	82 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M02 (Library Mouse): At night, "the library belongs to Sam"
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	86 (1.8) ▲
Denmark	84 (1.7) ▲
Italy	84 (1.9) ▲
Singapore	81 (1.6) ▲
Hungary	73 (2.2) ▲
Belgium (Flemish)	71 (2.7) ▲
Israel	71 (2.0) ▲
Malta	71 (2.8) ▲
Germany	69 (1.9) ▲
Finland	68 (2.4)
Sweden	67 (2.3)
Croatia	67 (3.4)
Slovak Republic	64 (2.8)
International Average	**64 (0.5)**
Norway (5)	63 (2.4)
New Zealand	62 (2.4)
Czech Republic	61 (2.8)
Lithuania	59 (2.5)
Slovenia	59 (2.9)
United Arab Emirates	58 (1.1) ▼
Russian Federation	56 (4.3)
Qatar	52 (2.4) ▼
Spain	51 (2.1) ▼
Portugal	46 (2.5) ▼
Saudi Arabia	45 (2.5) ▼
Kazakhstan	31 (1.9) ▼
Benchmarking Participants	
Newfoundland & Labrador, Can.	77 (3.1) ▲
Dubai, UAE	75 (1.4) ▲
Alberta, Canada	74 (3.1) ▲
Moscow City, Russian Fed.	74 (2.4) ▲
British Columbia, Canada	70 (2.2) ▲
Quebec, Canada	66 (2.6)
Abu Dhabi, UAE	51 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M03 (Library Mouse): At first, what does Sam do every night
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	88 (1.4) ▲
Lithuania	87 (1.8) ▲
Slovak Republic	83 (2.0) ▲
Croatia	83 (2.9) ▲
Finland	80 (2.3) ▲
Czech Republic	79 (2.0) ▲
Russian Federation	79 (2.8) ▲
Chinese Taipei	78 (2.3) ▲
Norway (5)	77 (2.3)
Hungary	77 (2.5)
Sweden	73 (2.3)
Italy	73 (2.2)
International Average	**73 (0.5)**
Malta	73 (2.8)
Israel	72 (2.2)
Kazakhstan	72 (1.9)
Spain	72 (2.5)
Portugal	71 (2.0)
Belgium (Flemish)	70 (3.0)
Germany	69 (2.2)
Slovenia	69 (2.9)
Qatar	65 (2.5) ▼
New Zealand	65 (2.0) ▼
Denmark	63 (2.7) ▼
United Arab Emirates	61 (0.9) ▼
Saudi Arabia	45 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (2.0) ▲
Quebec, Canada	78 (2.0) ▲
Dubai, UAE	72 (1.4)
British Columbia, Canada	71 (2.2)
Newfoundland & Labrador, Can.	61 (3.6) ▼
Alberta, Canada	61 (2.9) ▼
Abu Dhabi, UAE	55 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M04 (Library Mouse): What is Sam's book about
Constructed Response (1 Point)

Country	Percent Full Credit
Norway (5)	91 (1.4) ▲
Finland	88 (1.8) ▲
Singapore	86 (1.7) ▲
Denmark	86 (1.6) ▲
Italy	85 (1.8) ▲
Croatia	85 (2.5) ▲
Russian Federation	84 (2.9) ▲
Hungary	84 (2.6) ▲
Slovak Republic	84 (2.2) ▲
Czech Republic	84 (2.0) ▲
Sweden	83 (2.0) ▲
Slovenia	82 (2.4)
Malta	81 (3.1)
Germany	79 (1.9)
New Zealand	79 (1.8)
Lithuania	78 (1.9)
Spain	78 (1.4)
International Average	**78 (0.4)**
Belgium (Flemish)	73 (2.6)
Portugal	72 (2.3) ▼
Israel	71 (2.3) ▼
United Arab Emirates	64 (1.0) ▼
Qatar	63 (2.9) ▼
Kazakhstan	63 (2.1) ▼
Chinese Taipei	63 (2.4) ▼
Saudi Arabia	55 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (2.1) ▲
British Columbia, Canada	83 (2.0) ▲
Quebec, Canada	82 (2.1) ▲
Alberta, Canada	82 (1.9) ▲
Dubai, UAE	79 (1.4)
Newfoundland & Labrador, Can.	79 (3.4)
Abu Dhabi, UAE	58 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M05 (Library Mouse): Where does Sam put his book when he finishes it
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	97 (1.1) ▲
Lithuania	97 (0.6) ▲
Germany	96 (0.7) ▲
Croatia	96 (1.3) ▲
Finland	96 (0.9) ▲
Singapore	95 (0.9) ▲
Italy	95 (0.9) ▲
Slovak Republic	95 (0.9) ▲
Norway (5)	95 (1.0) ▲
Chinese Taipei	95 (1.2) ▲
Hungary	94 (1.2) ▲
Czech Republic	94 (1.0) ▲
Denmark	94 (1.2) ▲
Malta	93 (1.5)
Sweden	93 (1.4)
International Average	**91 (0.3)**
Kazakhstan	90 (1.4)
New Zealand	90 (1.6)
Spain	90 (1.4)
Slovenia	89 (1.7)
Portugal	89 (1.6)
Israel	89 (1.6)
Belgium (Flemish)	84 (2.0) ▼
Qatar	80 (2.1) ▼
United Arab Emirates	79 (0.6) ▼
Saudi Arabia	74 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.2) ▲
Alberta, Canada	95 (0.8) ▲
Quebec, Canada	93 (1.5)
Newfoundland & Labrador, Can.	91 (2.4)
Dubai, UAE	91 (1.0)
British Columbia, Canada	90 (2.0)
Abu Dhabi, UAE	71 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M06 (Library Mouse): Who finds Sam's book
Constructed Response (1 Point)

Country	Percent Full Credit
Lithuania	96 (1.1) ▲
Russian Federation	95 (1.5) ▲
Chinese Taipei	93 (1.5) ▲
Croatia	93 (1.8) ▲
Hungary	92 (2.0) ▲
Slovak Republic	92 (1.3) ▲
Singapore	92 (1.2) ▲
Sweden	91 (2.0) ▲
Norway (5)	91 (1.4) ▲
Spain	90 (1.1) ▲
Italy	90 (1.3) ▲
Germany	88 (1.5)
Czech Republic	87 (1.3)
Finland	87 (1.6)
Kazakhstan	86 (1.7)
Denmark	86 (1.8)
Malta	86 (2.8)
International Average	**86 (0.4)**
Slovenia	85 (2.2)
Portugal	84 (2.0)
New Zealand	84 (2.6)
Belgium (Flemish)	82 (2.1)
Israel	82 (1.8) ▼
Qatar	71 (2.4) ▼
United Arab Emirates	69 (0.8) ▼
Saudi Arabia	49 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.1) ▲
Quebec, Canada	96 (1.5) ▲
Alberta, Canada	91 (2.1) ▲
British Columbia, Canada	89 (1.9)
Newfoundland & Labrador, Can.	88 (2.3)
Dubai, UAE	86 (1.2)
Abu Dhabi, UAE	63 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M07 (Library Mouse): What do the children think of Sam's book
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	95 (1.0) ▲
Chinese Taipei	93 (1.1) ▲
Lithuania	92 (1.5) ▲
Croatia	91 (1.8) ▲
New Zealand	90 (1.7) ▲
Norway (5)	89 (2.0) ▲
Finland	87 (1.6) ▲
Russian Federation	87 (2.7)
Israel	85 (1.7)
Denmark	85 (1.5)
Portugal	85 (2.0)
Sweden	84 (2.0)
Italy	84 (1.8)
Slovenia	84 (2.4)
Malta	83 (2.3)
International Average	**82 (0.4)**
Germany	82 (1.9)
Spain	78 (2.1) ▼
Czech Republic	77 (2.1) ▼
Slovak Republic	77 (2.3) ▼
Belgium (Flemish)	75 (2.5) ▼
Kazakhstan	75 (1.9) ▼
Hungary	74 (2.6) ▼
Qatar	74 (2.6) ▼
United Arab Emirates	68 (1.2) ▼
Saudi Arabia	62 (2.5) ▼
Benchmarking Participants	
Alberta, Canada	92 (2.1) ▲
Newfoundland & Labrador, Can.	91 (2.3) ▲
Moscow City, Russian Fed.	91 (1.5) ▲
Quebec, Canada	91 (1.2) ▲
British Columbia, Canada	91 (1.9) ▲
Dubai, UAE	87 (1.0) ▲
Abu Dhabi, UAE	58 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M08 (Library Mouse): Who writes the note to Sam
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	96 (0.7) ▲
Slovak Republic	96 (1.0) ▲
Norway (5)	95 (1.3) ▲
Lithuania	94 (1.4) ▲
Russian Federation	94 (1.9) ▲
Chinese Taipei	94 (1.4) ▲
Finland	93 (1.2) ▲
Croatia	93 (2.3) ▲
Denmark	93 (0.9) ▲
Czech Republic	92 (1.3) ▲
Sweden	91 (1.6)
Italy	91 (1.3)
Slovenia	91 (1.5)
Malta	90 (1.8)
Hungary	90 (2.0)
Belgium (Flemish)	90 (1.7)
Germany	90 (1.2)
International Average	**89 (0.3)**
New Zealand	88 (1.8)
Spain	88 (1.4)
Portugal	86 (1.9)
Israel	84 (1.8) ▼
Kazakhstan	82 (1.8) ▼
Qatar	78 (2.0) ▼
United Arab Emirates	73 (0.8) ▼
Saudi Arabia	62 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.3) ▲
British Columbia, Canada	92 (1.5)
Alberta, Canada	91 (2.1)
Quebec, Canada	91 (1.3)
Dubai, UAE	90 (1.0)
Newfoundland & Labrador, Can.	89 (2.5)
Abu Dhabi, UAE	63 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M09 (Library Mouse): Why is Sam invited to the meeting
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	94 (1.0) ▲
Finland	92 (1.4) ▲
Russian Federation	89 (2.9) ▲
Singapore	89 (1.3) ▲
Hungary	88 (2.0) ▲
Slovak Republic	88 (2.0) ▲
Spain	88 (1.6) ▲
Portugal	87 (1.9) ▲
Norway (5)	87 (2.0) ▲
Malta	86 (2.5)
Denmark	85 (1.9)
Croatia	84 (2.6)
Czech Republic	84 (2.1)
International Average	**82 (0.4)**
Sweden	82 (2.3)
Slovenia	80 (2.5)
Germany	78 (2.1)
Italy	78 (2.1) ▼
Israel	77 (2.1) ▼
Belgium (Flemish)	77 (2.4) ▼
Kazakhstan	76 (1.8) ▼
New Zealand	76 (2.7) ▼
Chinese Taipei	74 (2.2) ▼
Saudi Arabia	74 (2.3) ▼
United Arab Emirates	72 (0.7) ▼
Qatar	68 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.4) ▲
Quebec, Canada	90 (1.8) ▲
Alberta, Canada	88 (2.4) ▲
Dubai, UAE	86 (1.1) ▲
British Columbia, Canada	83 (2.5)
Newfoundland & Labrador, Can.	82 (2.6)
Abu Dhabi, UAE	64 (1.2) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41M10 (Library Mouse): How does Sam feel when he reads the note
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	91 (1.2) ▲	98 (0.4) ▲
Croatia	88 (2.0) ▲	99 (0.9) ▲
Slovak Republic	88 (1.7) ▲	97 (0.7) ▲
Chinese Taipei	86 (1.7) ▲	97 (1.1) ▲
Lithuania	85 (2.1) ▲	99 (0.4) ▲
Malta	82 (2.5) ▲	97 (0.7) ▲
Russian Federation	81 (3.0) ▲	96 (1.5)
Norway (5)	80 (2.2) ▲	97 (1.1) ▲
Sweden	80 (2.3) ▲	96 (1.2)
Portugal	79 (1.8) ▲	97 (0.9) ▲
Finland	78 (1.8)	96 (1.2)
Italy	77 (2.1)	98 (0.7) ▲
Denmark	76 (2.1)	95 (1.1)
Spain	76 (2.1)	97 (0.6) ▲
Czech Republic	76 (2.4)	95 (1.0)
Israel	75 (2.2)	91 (1.6) ▼
International Average	**75 (0.4)**	**94 (0.2)**
Kazakhstan	75 (2.1)	93 (1.0)
Qatar	73 (2.0)	87 (1.6) ▼
Belgium (Flemish)	72 (2.7)	96 (0.9) ▲
New Zealand	72 (2.6)	97 (0.7) ▲
United Arab Emirates	69 (0.8) ▼	83 (0.7) ▼
Saudi Arabia	67 (2.5) ▼	83 (1.9) ▼
Germany	66 (2.4) ▼	93 (1.0)
Slovenia	63 (2.4) ▼	89 (1.8) ▼
Hungary	19 (2.3) ▼	91 (2.0)
Benchmarking Participants		
Moscow City, Russian Fed.	89 (1.9) ▲	98 (0.9) ▲
Dubai, UAE	84 (1.2) ▲	96 (0.6) ▲
Quebec, Canada	82 (2.4) ▲	99 (0.4) ▲
Alberta, Canada	79 (2.5)	98 (1.7) ▲
Newfoundland & Labrador, Can.	72 (3.3)	95 (1.8)
British Columbia, Canada	69 (2.9)	97 (1.1) ▲
Abu Dhabi, UAE	58 (1.2) ▼	75 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M11 (Library Mouse): Which words from the note does Sam not understand
Multiple Choice (Key is B)

Country	Percent Full Credit
Lithuania	83 (1.9) ▲
Singapore	77 (2.3) ▲
Croatia	75 (3.1) ▲
Finland	73 (2.0) ▲
Hungary	73 (2.6) ▲
Germany	70 (2.2) ▲
Slovak Republic	70 (2.7)
Malta	70 (2.8)
Russian Federation	69 (3.6)
Czech Republic	68 (2.7)
Sweden	67 (2.6)
Spain	66 (2.2)
International Average	**65 (0.5)**
Italy	65 (2.3)
Qatar	65 (2.1)
Norway (5)	63 (2.4)
Israel	63 (2.7)
Denmark	62 (2.5)
Portugal	62 (2.5)
New Zealand	61 (2.2)
Slovenia	61 (3.0)
Kazakhstan	60 (2.3) ▼
United Arab Emirates	59 (1.0) ▼
Belgium (Flemish)	54 (3.0) ▼
Chinese Taipei	50 (2.6) ▼
Saudi Arabia	40 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (2.5) ▲
Quebec, Canada	72 (2.3) ▲
Dubai, UAE	71 (1.3) ▲
Alberta, Canada	69 (3.2)
British Columbia, Canada	68 (2.7)
Newfoundland & Labrador, Can.	68 (2.3)
Abu Dhabi, UAE	53 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M12 (Library Mouse): What does Sam put across the top of the box
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	95 (1.1) ▲
Lithuania	90 (1.7) ▲
Germany	87 (1.3) ▲
Croatia	87 (2.6) ▲
Singapore	86 (1.4) ▲
Finland	86 (2.1) ▲
Slovenia	86 (2.1) ▲
Belgium (Flemish)	86 (1.9) ▲
Sweden	86 (2.2) ▲
New Zealand	86 (1.5) ▲
Norway (5)	85 (1.7) ▲
Russian Federation	84 (2.9)
Denmark	84 (1.9) ▲
Spain	83 (1.8) ▲
Hungary	83 (2.2)
International Average	**80 (0.4)**
Israel	79 (1.8)
Slovak Republic	78 (2.3)
Portugal	76 (2.3)
Czech Republic	76 (2.3)
Italy	75 (2.0) ▼
Kazakhstan	74 (1.9) ▼
Malta	73 (2.6) ▼
United Arab Emirates	63 (0.9) ▼
Qatar	58 (2.2) ▼
Saudi Arabia	43 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.5) ▲
Newfoundland & Labrador, Can.	88 (2.7) ▲
Alberta, Canada	87 (2.7) ▲
Quebec, Canada	85 (2.0) ▲
British Columbia, Canada	82 (2.1)
Dubai, UAE	79 (1.2)
Abu Dhabi, UAE	55 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M13 (Library Mouse): What does Sam put inside the box
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	95 (1.1) ▲
Lithuania	95 (1.3) ▲
Russian Federation	94 (1.8) ▲
Croatia	94 (1.3) ▲
Norway (5)	93 (1.3) ▲
Singapore	93 (1.0) ▲
Finland	92 (1.2) ▲
Sweden	92 (1.5) ▲
Denmark	92 (1.4) ▲
Czech Republic	91 (1.1) ▲
Belgium (Flemish)	91 (1.3) ▲
Slovak Republic	91 (1.1) ▲
Hungary	91 (2.2)
Italy	90 (1.6) ▲
Slovenia	88 (1.9)
Spain	88 (1.4)
Germany	88 (1.7)
New Zealand	88 (1.7)
Malta	88 (2.1)
International Average	**87 (0.3)**
Portugal	85 (1.9)
Kazakhstan	83 (1.6) ▼
Israel	81 (1.7) ▼
Qatar	74 (2.1) ▼
United Arab Emirates	71 (1.1) ▼
Saudi Arabia	50 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.2) ▲
Quebec, Canada	93 (1.3) ▲
Alberta, Canada	92 (2.4)
Newfoundland & Labrador, Can.	89 (2.4)
British Columbia, Canada	88 (1.7)
Dubai, UAE	86 (1.3)
Abu Dhabi, UAE	63 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M14 (Library Mouse): The girl is surprised when she looks in the box
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Finland	61 (2.4) ▲	81 (2.0) ▲	91 (1.0) ▲
Denmark	56 (2.6) ▲	83 (1.8) ▲	95 (1.0) ▲
Singapore	55 (2.2) ▲	81 (1.7) ▲	94 (1.0) ▲
Norway (5)	52 (2.6) ▲	83 (2.4) ▲	94 (1.5) ▲
Croatia	52 (3.9) ▲	83 (2.6) ▲	94 (1.6) ▲
Russian Federation	51 (3.7) ▲	82 (2.4) ▲	94 (1.5) ▲
Sweden	47 (2.7) ▲	75 (2.2) ▲	89 (1.8)
Germany	47 (2.2) ▲	72 (2.0)	91 (1.4) ▲
Slovenia	46 (2.8) ▲	74 (2.7)	94 (1.2) ▲
Malta	42 (2.6)	68 (2.9)	87 (1.9)
Czech Republic	42 (2.4)	71 (2.6)	87 (2.1)
Lithuania	42 (2.4)	80 (2.3) ▲	96 (1.4) ▲
New Zealand	42 (2.5)	71 (2.3)	90 (1.5)
International Average	**40 (0.5)**	**69 (0.5)**	**87 (0.3)**
Hungary	39 (2.6)	72 (2.6)	86 (2.3)
Chinese Taipei	39 (2.6)	69 (2.3)	92 (1.3) ▲
Israel	36 (2.7)	66 (2.1)	82 (1.6) ▼
Spain	36 (2.0) ▼	66 (2.3)	88 (1.5)
Portugal	35 (2.1) ▼	71 (2.5)	88 (1.8)
Italy	33 (2.0) ▼	64 (3.0)	89 (1.6)
United Arab Emirates	30 (1.0) ▼	54 (1.1) ▼	73 (0.9) ▼
Belgium (Flemish)	29 (2.9) ▼	62 (2.7) ▼	86 (2.1)
Slovak Republic	28 (2.7) ▼	68 (2.8)	85 (1.9)
Kazakhstan	27 (2.0) ▼	52 (2.5) ▼	79 (1.8) ▼
Qatar	27 (2.0) ▼	51 (1.9) ▼	76 (2.0) ▼
Saudi Arabia	11 (1.9) ▼	33 (2.5) ▼	60 (2.6) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	57 (3.2) ▲	91 (1.7) ▲	98 (0.8) ▲
Newfoundland & Labrador, Can.	46 (3.7)	75 (2.5) ▲	89 (2.5)
British Columbia, Canada	45 (3.2)	79 (1.9) ▲	92 (1.5) ▲
Dubai, UAE	42 (1.7)	71 (1.3)	88 (1.0)
Quebec, Canada	40 (2.9)	81 (2.2) ▲	94 (1.4) ▲
Alberta, Canada	40 (2.9)	72 (3.4)	93 (2.2) ▲
Abu Dhabi, UAE	22 (1.0) ▼	45 (1.3) ▼	64 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M15 (Library Mouse): Why does Sam put a pile of pencils next to the box
Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	89 (1.8) ▲
Norway (5)	87 (2.2) ▲
Hungary	84 (2.3) ▲
Finland	84 (1.8) ▲
Sweden	84 (2.4) ▲
Lithuania	79 (2.1) ▲
Croatia	79 (2.7) ▲
Germany	78 (1.8) ▲
Czech Republic	76 (2.6) ▲
Russian Federation	75 (3.2)
Singapore	74 (1.9)
Italy	73 (2.5)
New Zealand	72 (2.6)
Chinese Taipei	71 (2.4)
International Average	**71 (0.5)**
Israel	67 (2.1)
Slovenia	67 (2.8)
Slovak Republic	64 (2.6) ▼
Belgium (Flemish)	64 (3.0) ▼
Portugal	61 (2.2) ▼
Malta	59 (3.0) ▼
Qatar	57 (2.4) ▼
United Arab Emirates	52 (1.0) ▼
Saudi Arabia	50 (3.2) ▼
Kazakhstan	48 (2.1) ▼
Spain	– –
Benchmarking Participants	
Quebec, Canada	83 (1.9) ▲
Moscow City, Russian Fed.	80 (2.4) ▲
Alberta, Canada	80 (2.3) ▲
British Columbia, Canada	78 (2.1) ▲
Newfoundland & Labrador, Can.	68 (3.1)
Dubai, UAE	68 (1.5)
Abu Dhabi, UAE	51 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE41M16 (Library Mouse): What does Sam use his little teeth for
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	97 (1.0) ▲
Russian Federation	93 (1.9) ▲
Czech Republic	90 (1.4) ▲
Lithuania	90 (1.5) ▲
Croatia	89 (2.6) ▲
Singapore	89 (1.3) ▲
Slovak Republic	88 (2.1) ▲
Sweden	88 (2.0) ▲
Finland	88 (1.8) ▲
Norway (5)	88 (1.8) ▲
Hungary	87 (2.0) ▲
Denmark	85 (1.9)
Spain	85 (1.9)
Slovenia	84 (1.8)
Germany	84 (1.5)
International Average	**83 (0.4)**
Italy	82 (2.0)
New Zealand	81 (2.1)
Portugal	81 (2.1)
Malta	81 (2.1)
Kazakhstan	79 (1.5) ▼
Israel	75 (1.9) ▼
Belgium (Flemish)	75 (3.1) ▼
Qatar	68 (1.8) ▼
United Arab Emirates	60 (0.8) ▼
Saudi Arabia	56 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.3) ▲
Quebec, Canada	92 (1.4) ▲
British Columbia, Canada	86 (1.8)
Alberta, Canada	83 (3.1)
Newfoundland & Labrador, Can.	82 (2.3)
Dubai, UAE	79 (1.5) ▼
Abu Dhabi, UAE	52 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M17 (Library Mouse): What plan does he have for the children
Constructed Response (1 Point)

Country	Percent Full Credit
Norway (5)	84 (1.6) ▲
Denmark	83 (1.9) ▲
Croatia	79 (3.1) ▲
Sweden	78 (2.6) ▲
Singapore	76 (1.7) ▲
Germany	74 (2.2) ▲
Finland	73 (2.4) ▲
New Zealand	71 (2.5) ▲
Belgium (Flemish)	71 (2.6) ▲
Lithuania	70 (2.3) ▲
Slovak Republic	67 (2.5)
Slovenia	67 (3.2)
Portugal	66 (2.6)
Malta	66 (3.4)
Russian Federation	66 (3.2)
Italy	66 (2.9)
International Average	**64 (0.5)**
Czech Republic	63 (2.3)
Hungary	61 (2.4)
Israel	57 (2.4) ▼
Spain	56 (2.6) ▼
Chinese Taipei	53 (2.8) ▼
United Arab Emirates	49 (1.1) ▼
Qatar	49 (2.2) ▼
Kazakhstan	32 (2.1) ▼
Saudi Arabia	27 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (2.3) ▲
Alberta, Canada	79 (3.2) ▲
Newfoundland & Labrador, Can.	75 (3.2) ▲
Quebec, Canada	74 (2.7) ▲
British Columbia, Canada	74 (2.3) ▲
Dubai, UAE	68 (1.4) ▲
Abu Dhabi, UAE	42 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41M18 (Library Mouse): What is the main lesson of the story
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	95 (1.2) ▲
Singapore	93 (1.2) ▲
Finland	92 (1.6) ▲
Chinese Taipei	89 (1.4) ▲
Croatia	88 (2.1) ▲
Sweden	87 (1.9) ▲
Slovenia	86 (1.9) ▲
Russian Federation	86 (2.9)
Norway (5)	85 (2.0) ▲
New Zealand	85 (1.9) ▲
Italy	83 (2.0)
Denmark	82 (2.0)
Portugal	81 (2.2)
International Average	**81 (0.4)**
Slovak Republic	80 (2.3)
Hungary	80 (2.2)
Belgium (Flemish)	79 (2.7)
Germany	79 (2.1)
Israel	79 (2.0)
Spain	79 (1.9)
Malta	78 (2.7)
Czech Republic	76 (2.0) ▼
Qatar	71 (2.1) ▼
United Arab Emirates	68 (1.1) ▼
Kazakhstan	60 (2.1) ▼
Saudi Arabia	54 (2.9) ▼
Benchmarking Participants	
British Columbia, Canada	95 (1.0) ▲
Moscow City, Russian Fed.	94 (1.5) ▲
Alberta, Canada	91 (2.3) ▲
Newfoundland & Labrador, Can.	88 (2.3) ▲
Quebec, Canada	85 (2.1) ▲
Dubai, UAE	84 (1.2) ▲
Abu Dhabi, UAE	63 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R01 (Learning a New Language): Who is telling this story
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	94 (2.2) ▲
Italy	93 (1.4) ▲
Czech Republic	93 (1.3) ▲
Lithuania	93 (1.3) ▲
Denmark	92 (1.4) ▲
Singapore	92 (1.4) ▲
Slovenia	89 (1.7) ▲
Russian Federation	89 (2.6)
Sweden	88 (1.9)
Hungary	88 (2.3)
Slovak Republic	88 (2.1)
Malta	87 (2.1)
Spain	86 (1.4)
Finland	85 (2.0)
International Average	**85 (0.4)**
Norway (5)	85 (1.9)
Israel	82 (2.2)
Belgium (Flemish)	82 (2.4)
Kazakhstan	82 (1.9)
New Zealand	81 (1.7) ▼
Portugal	80 (1.9) ▼
Chinese Taipei	77 (2.1) ▼
United Arab Emirates	76 (0.8) ▼
Germany	75 (1.8) ▼
Qatar	72 (2.1) ▼
Saudi Arabia	71 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.5) ▲
Dubai, UAE	92 (1.0) ▲
Quebec, Canada	91 (2.0) ▲
Alberta, Canada	91 (1.8) ▲
British Columbia, Canada	89 (1.7) ▲
Newfoundland & Labrador, Can.	88 (2.2)
Abu Dhabi, UAE	70 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51R02 (Learning a New Language): How long has the family been in their new country
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	97 (0.8) ▲
Finland	97 (1.1) ▲
Croatia	97 (0.9) ▲
Germany	95 (0.8) ▲
Spain	94 (1.2) ▲
Norway (5)	94 (1.5) ▲
Singapore	94 (1.1) ▲
Malta	94 (1.5) ▲
Lithuania	94 (1.4) ▲
Hungary	93 (1.8) ▲
Czech Republic	93 (1.0) ▲
Portugal	92 (1.4) ▲
Denmark	92 (1.4) ▲
Italy	92 (1.5) ▲
Israel	91 (1.5)
Slovenia	91 (1.6)
Slovak Republic	90 (1.7)
International Average	**89 (0.3)**
Belgium (Flemish)	89 (1.9)
Chinese Taipei	88 (1.6)
Russian Federation	88 (2.6)
Kazakhstan	86 (1.7) ▼
New Zealand	85 (1.9) ▼
Qatar	72 (2.2) ▼
United Arab Emirates	72 (0.8) ▼
Saudi Arabia	59 (2.6) ▼
Benchmarking Participants	
Quebec, Canada	97 (0.8) ▲
Moscow City, Russian Fed.	95 (1.2) ▲
Alberta, Canada	93 (1.1) ▲
Dubai, UAE	91 (1.0)
Newfoundland & Labrador, Can.	88 (2.4)
British Columbia, Canada	87 (2.3)
Abu Dhabi, UAE	62 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51R03 (Learning a New Language): How old is Eva?
Constructed Response (1 Point)

Country	Percent Full Credit
Czech Republic	100 (0.0) ▲
Sweden	100 (0.2) ▲
Croatia	100 (0.3) ▲
Spain	100 (0.2) ▲
Denmark	100 (0.0) ▲
Germany	100 (0.4) ▲
Finland	99 (0.5) ▲
Singapore	99 (0.3) ▲
Chinese Taipei	99 (0.5)
Norway (5)	99 (0.5)
Hungary	99 (0.4)
Slovenia	99 (0.6)
Italy	99 (0.7)
Israel	99 (0.6)
Slovak Republic	99 (0.4)
Belgium (Flemish)	99 (0.9)
Malta	99 (0.8)
Russian Federation	98 (1.0)
International Average	**98 (0.1)**
Lithuania	98 (0.8)
Portugal	98 (0.7)
New Zealand	98 (0.9)
Kazakhstan	97 (0.8) ▼
Qatar	97 (0.8) ▼
Saudi Arabia	96 (0.9) ▼
United Arab Emirates	92 (0.6) ▼
Benchmarking Participants	
British Columbia, Canada	100 (0.0) ▲
Moscow City, Russian Fed.	99 (0.2) ▲
Quebec, Canada	99 (0.6)
Alberta, Canada	99 (0.3)
Dubai, UAE	99 (0.3)
Newfoundland & Labrador, Can.	98 (1.1)
Abu Dhabi, UAE	87 (0.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R04 (Learning a New Language): Why does Eva not agree with Grandma
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	80 (1.7) ▲
Sweden	75 (2.4) ▲
Finland	71 (2.2) ▲
Croatia	71 (2.8) ▲
Spain	69 (1.9) ▲
Czech Republic	68 (2.2) ▲
Denmark	67 (2.6) ▲
Israel	67 (2.0) ▲
Russian Federation	66 (3.6)
Italy	65 (2.7)
Chinese Taipei	64 (2.5)
Norway (5)	62 (2.6)
International Average	**60 (0.5)**
Portugal	58 (2.4)
Hungary	58 (2.6)
Lithuania	57 (2.8)
Belgium (Flemish)	57 (2.9)
Malta	55 (2.7)
New Zealand	53 (2.5) ▼
Germany	53 (2.1) ▼
United Arab Emirates	52 (0.8) ▼
Kazakhstan	52 (2.6) ▼
Qatar	50 (2.2) ▼
Slovenia	49 (3.2) ▼
Saudi Arabia	48 (2.6) ▼
Slovak Republic	33 (2.9) ▼
Benchmarking Participants	
Quebec, Canada	70 (2.7) ▲
Dubai, UAE	69 (1.6) ▲
Moscow City, Russian Fed.	69 (2.7) ▲
Newfoundland & Labrador, Can.	59 (3.0)
Alberta, Canada	56 (3.4)
British Columbia, Canada	54 (2.8) ▼
Abu Dhabi, UAE	44 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05 (Learning a New Language): Lucas likes his new school (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	84 (1.6) ▲	94 (1.2) ▲
Lithuania	76 (2.2) ▲	91 (1.6) ▲
Sweden	74 (2.6) ▲	85 (2.1) ▲
Russian Federation	71 (3.5) ▲	84 (2.8)
Norway (5)	71 (2.2) ▲	88 (1.7) ▲
Germany	68 (2.0) ▲	82 (1.5) ▲
Italy	68 (2.6)	83 (2.3)
Croatia	67 (3.3)	90 (2.0) ▲
Czech Republic	67 (2.2)	84 (1.8) ▲
Denmark	67 (2.3)	82 (2.1)
Hungary	66 (2.5)	79 (2.6)
Spain	66 (2.1)	86 (1.6) ▲
Portugal	66 (2.0)	84 (1.7) ▲
Chinese Taipei	66 (2.6)	82 (2.1)
Slovak Republic	65 (2.8)	80 (2.3)
International Average	**63 (0.5)**	**79 (0.4)**
Slovenia	63 (2.9)	77 (2.6)
Finland	63 (2.6)	79 (2.0)
Malta	62 (4.0)	77 (3.3)
Israel	58 (2.4) ▼	75 (1.9) ▼
New Zealand	56 (2.8) ▼	71 (2.5) ▼
Kazakhstan	54 (2.7) ▼	70 (2.3) ▼
United Arab Emirates	53 (1.1) ▼	67 (0.8) ▼
Belgium (Flemish)	52 (3.0) ▼	79 (2.6)
Qatar	42 (2.3) ▼	55 (2.6) ▼
Saudi Arabia	36 (3.3) ▼	51 (3.0) ▼
Benchmarking Participants		
Quebec, Canada	77 (2.2) ▲	87 (1.6) ▲
Dubai, UAE	77 (1.5) ▲	88 (1.2) ▲
Moscow City, Russian Fed.	72 (2.6) ▲	95 (1.4) ▲
British Columbia, Canada	65 (2.8)	78 (2.4)
Alberta, Canada	63 (3.8)	76 (3.4)
Newfoundland & Labrador, Can.	59 (2.9)	77 (2.2)
Abu Dhabi, UAE	45 (1.5) ▼	57 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05A (Learning a New Language): Likes his new school (Is doing well)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	93 (1.0) ▲
Finland	92 (1.2) ▲
Portugal	90 (1.6) ▲
Norway (5)	90 (1.3) ▲
Lithuania	90 (1.9) ▲
Croatia	88 (2.2)
Sweden	88 (1.8) ▲
Hungary	88 (2.2)
Slovak Republic	88 (1.9) ▲
Spain	88 (1.4) ▲
Denmark	87 (2.0)
Czech Republic	86 (1.8)
Germany	85 (1.5)
Belgium (Flemish)	85 (2.0)
International Average	**84 (0.4)**
Slovenia	84 (2.4)
Italy	84 (2.0)
Malta	83 (2.4)
Russian Federation	83 (3.2)
Israel	83 (1.5)
Chinese Taipei	81 (2.4)
Kazakhstan	80 (1.8) ▼
United Arab Emirates	78 (0.7) ▼
New Zealand	76 (2.3) ▼
Saudi Arabia	72 (2.5) ▼
Qatar	67 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.7) ▲
Quebec, Canada	92 (1.5) ▲
Dubai, UAE	88 (1.0) ▲
Newfoundland & Labrador, Can.	83 (2.4)
Alberta, Canada	83 (3.0)
British Columbia, Canada	82 (2.4)
Abu Dhabi, UAE	75 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05B (Learning a New Language): Likes his new school (Plays sports)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	92 (1.5) ▲
Lithuania	85 (1.6) ▲
Croatia	85 (2.7) ▲
Chinese Taipei	82 (2.0) ▲
Sweden	81 (2.4) ▲
Norway (5)	81 (1.9) ▲
Germany	80 (1.8) ▲
Czech Republic	80 (1.9) ▲
Russian Federation	79 (3.0)
Spain	79 (1.9)
Hungary	79 (2.4)
Slovak Republic	78 (2.1)
Italy	77 (2.5)
Slovenia	77 (2.7)
Denmark	76 (2.3)
International Average	**76 (0.5)**
Malta	75 (3.1)
Portugal	74 (2.1)
Finland	74 (2.4)
New Zealand	73 (2.4)
United Arab Emirates	72 (1.0) ▼
Kazakhstan	71 (2.1) ▼
Israel	67 (2.2) ▼
Belgium (Flemish)	63 (2.8) ▼
Qatar	61 (2.2) ▼
Saudi Arabia	55 (3.3) ▼
Benchmarking Participants	
Dubai, UAE	88 (1.2) ▲
Quebec, Canada	83 (1.6) ▲
Moscow City, Russian Fed.	79 (2.4)
Alberta, Canada	76 (3.0)
British Columbia, Canada	76 (2.1)
Newfoundland & Labrador, Can.	73 (3.0)
Abu Dhabi, UAE	66 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05C (Learning a New Language): Likes his new school (Is bored watching TV)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	99 (0.5) ▲
Sweden	99 (0.6) ▲
Spain	98 (0.8) ▲
Norway (5)	98 (0.8) ▲
Russian Federation	97 (1.0)
Chinese Taipei	97 (0.7) ▲
Italy	97 (0.8) ▲
Portugal	97 (0.6) ▲
Lithuania	97 (0.9)
Kazakhstan	97 (0.7)
Germany	97 (0.9)
Denmark	97 (0.8)
Croatia	96 (1.8)
Czech Republic	96 (0.6)
Malta	96 (1.6)
Belgium (Flemish)	96 (1.2)
International Average	**96 (0.2)**
Slovak Republic	96 (0.9)
New Zealand	95 (1.0)
Israel	95 (1.0)
Hungary	94 (1.5)
Finland	92 (1.2) ▼
Qatar	92 (0.9) ▼
Saudi Arabia	92 (1.8) ▼
United Arab Emirates	92 (0.5) ▼
Slovenia	91 (1.7) ▼
Benchmarking Participants	
Quebec, Canada	100 (0.0) ▲
Moscow City, Russian Fed.	100 (0.3) ▲
Alberta, Canada	99 (0.2) ▲
British Columbia, Canada	99 (0.5) ▲
Dubai, UAE	98 (0.4) ▲
Newfoundland & Labrador, Can.	98 (1.3)
Abu Dhabi, UAE	87 (0.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05D (Learning a New Language): Likes his new school (Made plenty of friends)
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	96 (1.4) ▲
Singapore	95 (1.0) ▲
Russian Federation	94 (1.9) ▲
Norway (5)	94 (1.6) ▲
Italy	94 (1.1) ▲
Denmark	93 (1.2) ▲
Sweden	93 (1.3) ▲
Croatia	92 (1.8) ▲
Chinese Taipei	92 (1.2) ▲
Portugal	91 (1.4) ▲
Czech Republic	90 (1.2) ▲
Hungary	90 (1.9)
Spain	89 (1.3)
Finland	89 (1.3)
Malta	88 (2.3)
Belgium (Flemish)	87 (2.3)
Germany	87 (1.4)
International Average	**87 (0.4)**
Slovenia	86 (2.2)
Israel	86 (1.5)
Slovak Republic	84 (2.3)
New Zealand	81 (2.1) ▼
Kazakhstan	76 (2.1) ▼
United Arab Emirates	75 (0.9) ▼
Qatar	67 (2.2) ▼
Saudi Arabia	64 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.8) ▲
Quebec, Canada	92 (1.3) ▲
Dubai, UAE	92 (0.7) ▲
British Columbia, Canada	86 (1.7)
Alberta, Canada	83 (3.2)
Newfoundland & Labrador, Can.	80 (2.6) ▼
Abu Dhabi, UAE	69 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R05E (Learning a New Language): Likes his new school (Is helping Eva read)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	97 (0.7) ▲
Lithuania	96 (1.1) ▲
Russian Federation	94 (2.3) ▲
Norway (5)	94 (1.1) ▲
Spain	94 (1.0) ▲
Croatia	93 (1.4) ▲
Malta	93 (1.9) ▲
Denmark	92 (1.3) ▲
Sweden	92 (1.4)
Italy	92 (1.5)
Belgium (Flemish)	90 (2.1)
Germany	90 (1.2)
Czech Republic	89 (1.5)
International Average	**89 (0.3)**
Kazakhstan	89 (1.5)
Israel	89 (1.5)
Portugal	89 (1.5)
New Zealand	88 (1.7)
Finland	86 (1.8)
Hungary	86 (2.0)
Slovak Republic	85 (2.7)
Chinese Taipei	85 (2.1) ▼
United Arab Emirates	83 (0.7) ▼
Saudi Arabia	83 (2.5) ▼
Slovenia	83 (2.2) ▼
Qatar	82 (1.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.2) ▲
Dubai, UAE	95 (0.9) ▲
Quebec, Canada	92 (1.3)
Alberta, Canada	91 (1.6)
British Columbia, Canada	90 (1.6)
Newfoundland & Labrador, Can.	90 (2.0)
Abu Dhabi, UAE	78 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R06 (Learning a New Language): Why are Eva's parents worried
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	97 (0.7) ▲
Lithuania	93 (1.2) ▲
Italy	89 (1.6) ▲
Czech Republic	88 (1.5) ▲
Israel	87 (1.5) ▲
Portugal	86 (1.4) ▲
Norway (5)	86 (1.9) ▲
Slovenia	84 (2.3)
Malta	84 (2.6)
Spain	83 (1.9)
New Zealand	83 (1.4)
Kazakhstan	83 (1.9)
Croatia	83 (3.6)
Chinese Taipei	82 (1.9)
Hungary	82 (2.1)
International Average	**81 (0.4)**
Denmark	80 (2.2)
Sweden	79 (2.5)
Russian Federation	76 (3.4)
Finland	75 (2.4) ▼
Belgium (Flemish)	75 (2.8) ▼
Slovak Republic	74 (2.5) ▼
Qatar	73 (2.1) ▼
United Arab Emirates	72 (1.0) ▼
Germany	68 (2.0) ▼
Saudi Arabia	66 (2.6) ▼
Benchmarking Participants	
Dubai, UAE	91 (0.9) ▲
British Columbia, Canada	91 (1.9) ▲
Alberta, Canada	90 (2.0) ▲
Moscow City, Russian Fed.	90 (1.8) ▲
Quebec, Canada	89 (1.5) ▲
Newfoundland & Labrador, Can.	86 (2.3)
Abu Dhabi, UAE	67 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R07 (Learning a New Language): How does Eva spend her evenings
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	92 (1.9) ▲
Singapore	89 (1.4) ▲
Denmark	89 (1.3) ▲
Lithuania	89 (1.6) ▲
Spain	89 (1.5) ▲
Norway (5)	86 (1.5) ▲
Germany	85 (1.6) ▲
Finland	84 (2.5) ▲
Sweden	84 (2.2) ▲
Croatia	84 (3.0) ▲
Czech Republic	82 (2.1)
Italy	81 (1.9) ▲
Slovak Republic	79 (2.6)
New Zealand	79 (2.2)
International Average	**77 (0.4)**
Malta	77 (3.4)
Israel	77 (2.1)
Hungary	76 (2.2)
Slovenia	75 (2.8)
Chinese Taipei	74 (2.3)
Belgium (Flemish)	71 (2.7) ▼
Portugal	63 (1.9) ▼
Kazakhstan	62 (2.4) ▼
United Arab Emirates	60 (0.9) ▼
Qatar	58 (2.3) ▼
Saudi Arabia	51 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (1.1) ▲
Quebec, Canada	91 (1.4) ▲
British Columbia, Canada	82 (2.3) ▲
Dubai, UAE	78 (1.7)
Alberta, Canada	77 (2.5)
Newfoundland & Labrador, Can.	77 (2.6)
Abu Dhabi, UAE	49 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R08 (Learning a New Language): How does Grandma help Eva learn to read
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	91 (1.2) ▲
Czech Republic	90 (1.1) ▲
Russian Federation	88 (2.3) ▲
Lithuania	87 (1.6) ▲
Sweden	85 (2.2) ▲
Croatia	83 (2.9)
Denmark	81 (1.7) ▲
Norway (5)	80 (2.3)
Finland	80 (1.9)
Belgium (Flemish)	80 (2.3)
Slovenia	79 (2.1)
Spain	79 (2.0)
Portugal	77 (2.0)
International Average	**77 (0.4)**
Kazakhstan	77 (1.7)
Chinese Taipei	77 (2.1)
Hungary	76 (2.6)
Slovak Republic	74 (2.8)
Italy	74 (2.4)
Israel	74 (1.9) ▼
Germany	73 (1.9) ▼
Malta	71 (3.8)
New Zealand	69 (2.7) ▼
United Arab Emirates	66 (0.9) ▼
Qatar	65 (2.1) ▼
Saudi Arabia	56 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.5) ▲
Quebec, Canada	86 (1.6) ▲
Dubai, UAE	82 (1.6) ▲
Alberta, Canada	80 (2.3)
British Columbia, Canada	78 (2.6)
Newfoundland & Labrador, Can.	78 (3.6)
Abu Dhabi, UAE	59 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R09 (Learning a New Language): Why does it say "night after night after night"
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	84 (1.8) ▲
Lithuania	82 (2.1) ▲
Croatia	74 (3.2) ▲
Russian Federation	74 (4.4) ▲
Chinese Taipei	73 (2.2) ▲
Finland	72 (2.7) ▲
Belgium (Flemish)	71 (3.3) ▲
Malta	70 (2.8)
Sweden	69 (2.3) ▲
Italy	69 (2.5) ▲
Czech Republic	68 (2.1) ▲
Germany	67 (2.2)
Spain	66 (2.2)
International Average	**64 (0.5)**
Israel	63 (2.0)
New Zealand	63 (2.3)
United Arab Emirates	60 (1.1) ▼
Hungary	60 (3.0)
Slovak Republic	59 (3.1)
Norway (5)	56 (2.6) ▼
Kazakhstan	56 (2.6) ▼
Denmark	55 (3.0) ▼
Slovenia	55 (2.8) ▼
Qatar	52 (1.8) ▼
Portugal	43 (2.4) ▼
Saudi Arabia	43 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (2.5) ▲
Dubai, UAE	78 (1.4) ▲
Quebec, Canada	78 (2.0) ▲
British Columbia, Canada	77 (2.4) ▲
Alberta, Canada	69 (3.3)
Newfoundland & Labrador, Can.	63 (3.3)
Abu Dhabi, UAE	56 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R10 (Learning a New Language): Why does Eva say, "Grandma is some actress"
Multiple Choice (Key is D)

Country	Percent Full Credit
Norway (5)	70 (2.4) ▲
Singapore	69 (2.2) ▲
Germany	68 (2.1) ▲
Hungary	67 (2.6) ▲
Russian Federation	64 (4.6) ▲
Finland	63 (2.5) ▲
Sweden	57 (2.6) ▲
Czech Republic	56 (2.4) ▲
Slovak Republic	56 (3.4)
Kazakhstan	56 (2.4) ▲
Denmark	55 (2.4) ▲
Italy	52 (2.5)
Israel	51 (2.1)
Croatia	50 (3.1)
International Average	**50 (0.5)**
Belgium (Flemish)	47 (3.1)
United Arab Emirates	43 (1.0) ▼
Lithuania	43 (2.4) ▼
Portugal	41 (2.4) ▼
Malta	40 (3.4) ▼
Qatar	38 (2.0) ▼
New Zealand	37 (2.5) ▼
Slovenia	35 (2.7) ▼
Spain	33 (1.9) ▼
Chinese Taipei	32 (2.6) ▼
Saudi Arabia	27 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (2.3) ▲
Quebec, Canada	67 (2.8) ▲
Dubai, UAE	63 (1.8) ▲
British Columbia, Canada	51 (2.9)
Alberta, Canada	44 (3.1)
Newfoundland & Labrador, Can.	41 (2.3) ▼
Abu Dhabi, UAE	37 (0.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R11 (Learning a New Language): Why does Grandma "shoot a glance" at Eva
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	84 (1.6) ▲
Russian Federation	82 (2.5) ▲
Denmark	80 (2.0) ▲
Germany	79 (1.5) ▲
Norway (5)	77 (2.6)
Sweden	76 (2.5)
Italy	75 (2.3)
Portugal	75 (2.1)
Lithuania	75 (2.3)
Belgium (Flemish)	75 (2.9)
Spain	74 (2.2)
Israel	74 (2.3)
Hungary	73 (2.8)
Finland	73 (2.8)
Croatia	73 (3.9)
International Average	**73 (0.5)**
New Zealand	72 (2.2)
Slovak Republic	69 (2.6)
Slovenia	69 (2.7)
Chinese Taipei	69 (2.2)
Czech Republic	69 (1.9) ▼
Malta	67 (2.9) ▼
Saudi Arabia	65 (2.7) ▼
United Arab Emirates	64 (0.8) ▼
Kazakhstan	64 (2.1) ▼
Qatar	63 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (2.2) ▲
Quebec, Canada	79 (2.0) ▲
Dubai, UAE	79 (1.3) ▲
British Columbia, Canada	77 (2.2)
Alberta, Canada	76 (2.6)
Newfoundland & Labrador, Can.	69 (3.7)
Abu Dhabi, UAE	56 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R13 (Learning a New Language): Why was Grandma smiling when she finished reading
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	65 (3.9) ▲
Norway (5)	63 (2.9) ▲
New Zealand	62 (2.5) ▲
Malta	61 (3.8) ▲
Israel	60 (2.5) ▲
Hungary	59 (2.6) ▲
Spain	58 (2.5) ▲
Lithuania	58 (2.1) ▲
Sweden	58 (2.8)
Singapore	56 (2.0)
Slovak Republic	56 (3.3)
Denmark	55 (2.4)
Czech Republic	54 (2.5)
Finland	53 (2.9)
International Average	**53 (0.5)**
Belgium (Flemish)	52 (3.0)
Italy	52 (2.7)
Russian Federation	51 (3.9)
Germany	51 (2.3)
Portugal	50 (2.6)
Slovenia	48 (3.5)
United Arab Emirates	47 (1.0) ▼
Kazakhstan	43 (2.0) ▼
Qatar	42 (2.3) ▼
Saudi Arabia	34 (2.8) ▼
Chinese Taipei	24 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (2.9) ▲
Dubai, UAE	67 (1.9) ▲
Quebec, Canada	67 (2.2) ▲
Alberta, Canada	65 (2.8) ▲
British Columbia, Canada	60 (3.1) ▲
Newfoundland & Labrador, Can.	59 (3.7)
Abu Dhabi, UAE	41 (1.6) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51R14 (Learning a New Language): How did Grandma learn to read in the new language
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	92 (1.4) ▲
Lithuania	92 (1.3) ▲
Russian Federation	91 (2.6) ▲
Croatia	86 (2.9) ▲
Spain	85 (1.2) ▲
Kazakhstan	85 (1.6) ▲
Chinese Taipei	84 (1.8) ▲
Denmark	84 (2.0)
Hungary	83 (2.3)
Norway (5)	82 (2.2)
Germany	82 (1.8)
Czech Republic	81 (1.9)
International Average	**80 (0.4)**
Italy	80 (1.8)
Finland	80 (2.7)
Portugal	80 (2.0)
Slovenia	78 (2.0)
Malta	78 (3.5)
New Zealand	77 (2.4)
Sweden	77 (2.6)
Belgium (Flemish)	75 (3.0)
Israel	74 (1.8) ▼
United Arab Emirates	72 (0.9) ▼
Qatar	71 (2.0) ▼
Slovak Republic	71 (2.9) ▼
Saudi Arabia	68 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.2) ▲
Dubai, UAE	84 (1.6) ▲
British Columbia, Canada	83 (2.2)
Alberta, Canada	81 (2.8)
Newfoundland & Labrador, Can.	80 (2.5)
Quebec, Canada	76 (1.4) ▼
Abu Dhabi, UAE	63 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R15 (Learning a New Language): Put events in the order they happened (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	89 (1.4) ▲
Lithuania	83 (2.2) ▲
Denmark	81 (2.0) ▲
Russian Federation	80 (2.5) ▲
Hungary	78 (2.9) ▲
Croatia	78 (2.8) ▲
Norway (5)	76 (2.5) ▲
Italy	76 (2.6)
Czech Republic	74 (2.0)
Israel	74 (2.0)
Belgium (Flemish)	73 (2.6)
Slovenia	73 (2.4)
Finland	72 (2.5)
Portugal	72 (2.0)
Germany	72 (2.0)
International Average	**71 (0.5)**
Malta	71 (3.5)
Sweden	69 (2.4)
Spain	67 (2.3) ▼
New Zealand	66 (2.4) ▼
Chinese Taipei	66 (2.2) ▼
Slovak Republic	65 (3.3)
Kazakhstan	64 (1.8) ▼
United Arab Emirates	61 (0.8) ▼
Qatar	57 (2.2) ▼
Saudi Arabia	45 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.9) ▲
Dubai, UAE	84 (1.3) ▲
Quebec, Canada	83 (2.0) ▲
British Columbia, Canada	79 (2.6) ▲
Alberta, Canada	74 (3.1)
Newfoundland & Labrador, Can.	70 (3.7)
Abu Dhabi, UAE	51 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R15A (Learning a New Language): Order of events (Eva should surprise the family)
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	91 (1.4) ▲
Denmark	88 (2.0) ▲
Lithuania	86 (2.0) ▲
Russian Federation	85 (2.1) ▲
Norway (5)	85 (2.0) ▲
Croatia	83 (2.5) ▲
Italy	83 (1.9) ▲
Sweden	82 (2.2)
Hungary	81 (3.0)
Belgium (Flemish)	80 (2.4)
Czech Republic	79 (2.0)
Israel	79 (1.8)
Finland	79 (2.2)
Slovenia	79 (2.2)
International Average	**78 (0.4)**
Portugal	78 (2.0)
Spain	77 (2.2)
Malta	77 (3.1)
Chinese Taipei	76 (1.9)
Slovak Republic	76 (2.9)
Germany	76 (1.8)
New Zealand	73 (2.4) ▼
Kazakhstan	72 (1.9) ▼
United Arab Emirates	68 (0.8) ▼
Qatar	63 (2.1) ▼
Saudi Arabia	57 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.6) ▲
Quebec, Canada	90 (1.5) ▲
Dubai, UAE	90 (0.9) ▲
British Columbia, Canada	82 (2.5)
Alberta, Canada	80 (2.9)
Newfoundland & Labrador, Can.	76 (3.7)
Abu Dhabi, UAE	59 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R15C (Learning a New Language): Order of events (Grandma helps Eva practice)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	94 (1.0) ▲
Lithuania	87 (2.0) ▲
Croatia	86 (2.3) ▲
Denmark	86 (1.8) ▲
Russian Federation	85 (2.2) ▲
Hungary	84 (2.5)
Czech Republic	84 (1.8) ▲
Norway (5)	84 (2.2) ▲
Belgium (Flemish)	83 (2.2)
Italy	83 (2.4)
Israel	81 (1.9)
Slovenia	81 (2.2)
Malta	80 (2.9)
Portugal	80 (2.1)
International Average	**80 (0.4)**
Germany	79 (2.0)
Finland	78 (2.4)
New Zealand	77 (2.3)
Sweden	76 (2.3)
Qatar	74 (2.1) ▼
Kazakhstan	74 (1.9) ▼
Chinese Taipei	74 (2.0) ▼
Slovak Republic	74 (2.9) ▼
Spain	73 (2.2) ▼
United Arab Emirates	71 (0.9) ▼
Saudi Arabia	62 (2.7) ▼
Benchmarking Participants	
British Columbia, Canada	90 (1.9) ▲
Moscow City, Russian Fed.	90 (2.0) ▲
Quebec, Canada	88 (1.9) ▲
Dubai, UAE	87 (1.2) ▲
Alberta, Canada	81 (3.0)
Newfoundland & Labrador, Can.	80 (3.1)
Abu Dhabi, UAE	63 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R15D (Learning a New Language): Order of events (Eva struggles with schoolwork)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	96 (0.9) ▲
Lithuania	92 (1.9) ▲
Hungary	90 (1.9) ▲
Croatia	87 (2.3) ▲
Russian Federation	86 (2.2) ▲
Denmark	86 (1.8) ▲
Czech Republic	85 (1.9)
Slovenia	85 (2.1)
Norway (5)	85 (2.1)
Israel	85 (1.8)
Malta	85 (2.7)
Italy	84 (2.3)
Germany	83 (1.6)
Belgium (Flemish)	83 (2.4)
Portugal	83 (1.9)
International Average	**82 (0.4)**
Finland	81 (2.4)
New Zealand	80 (1.8)
Kazakhstan	79 (1.6)
Spain	79 (1.9)
Sweden	77 (2.5)
Chinese Taipei	76 (2.1) ▼
Slovak Republic	75 (2.9) ▼
Qatar	72 (2.0) ▼
United Arab Emirates	72 (0.8) ▼
Saudi Arabia	57 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.4) ▲
Quebec, Canada	90 (1.5) ▲
Dubai, UAE	90 (0.9) ▲
British Columbia, Canada	89 (1.7) ▲
Alberta, Canada	80 (2.8)
Newfoundland & Labrador, Can.	80 (3.2)
Abu Dhabi, UAE	64 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R15E (Learning a New Language): Order of events (Grandma surprises the family)
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	94 (1.5) ▲
Lithuania	94 (1.5) ▲
Singapore	93 (1.2) ▲
Denmark	92 (1.5) ▲
Finland	91 (1.1) ▲
Spain	90 (1.5) ▲
Croatia	90 (2.2)
Norway (5)	90 (1.7)
Israel	89 (1.6)
Hungary	88 (1.9)
Italy	88 (1.6)
Czech Republic	88 (1.6)
Slovenia	87 (1.7)
Slovak Republic	87 (2.3)
Belgium (Flemish)	87 (1.9)
International Average	**86 (0.4)**
Sweden	86 (2.4)
Portugal	86 (1.8)
Malta	84 (2.8)
Germany	84 (1.6)
Kazakhstan	84 (1.9)
Chinese Taipei	81 (2.0) ▼
New Zealand	81 (2.2) ▼
United Arab Emirates	77 (0.7) ▼
Saudi Arabia	76 (2.1) ▼
Qatar	75 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.8) ▲
Dubai, UAE	93 (0.9) ▲
Quebec, Canada	93 (1.4) ▲
Alberta, Canada	88 (1.8)
British Columbia, Canada	85 (2.5)
Newfoundland & Labrador, Can.	84 (3.8)
Abu Dhabi, UAE	69 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R16 (Learning a New Language): Grandma is helpful, give an example
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	82 (2.0) ▲
Norway (5)	79 (2.5) ▲
Hungary	77 (2.6) ▲
Denmark	76 (2.1) ▲
Singapore	74 (2.2) ▲
Germany	74 (2.4) ▲
New Zealand	71 (2.4) ▲
Croatia	69 (3.4) ▲
Czech Republic	69 (2.4) ▲
Belgium (Flemish)	63 (3.2)
Finland	62 (2.9)
International Average	**61 (0.5)**
Russian Federation	61 (3.5)
Israel	59 (2.5)
Slovenia	59 (3.5)
Kazakhstan	57 (2.3)
Malta	57 (3.7)
United Arab Emirates	55 (0.9) ▼
Spain	54 (2.2) ▼
Qatar	53 (2.5) ▼
Saudi Arabia	52 (2.9) ▼
Chinese Taipei	52 (2.7) ▼
Slovak Republic	51 (2.9) ▼
Italy	51 (2.7) ▼
Portugal	40 (2.5) ▼
Lithuania	22 (2.0) ▼
Benchmarking Participants	
Newfoundland & Labrador, Can.	83 (2.9) ▲
British Columbia, Canada	78 (2.5) ▲
Alberta, Canada	77 (2.8) ▲
Dubai, UAE	75 (1.8) ▲
Moscow City, Russian Fed.	61 (3.1)
Quebec, Canada	54 (2.2) ▼
Abu Dhabi, UAE	48 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R17 (Learning a New Language): Eva's happiness at beginning and end (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	71 (3.5) ▲	94 (1.7) ▲
Denmark	63 (2.8) ▲	90 (1.5) ▲
Singapore	59 (2.1) ▲	93 (1.0) ▲
Lithuania	57 (2.5) ▲	88 (1.9) ▲
Slovenia	57 (2.8) ▲	86 (2.0) ▲
Russian Federation	54 (3.9) ▲	87 (3.4)
Israel	50 (2.5) ▲	81 (2.0)
Malta	49 (2.8)	83 (3.5)
Norway (5)	48 (2.9)	86 (1.9) ▲
Spain	48 (1.9)	86 (1.7) ▲
Hungary	48 (2.8)	83 (1.8)
Finland	47 (2.8)	86 (1.8) ▲
Italy	47 (2.7)	82 (2.1)
International Average	**45 (0.5)**	**82 (0.4)**
Kazakhstan	44 (2.8)	81 (2.1)
Sweden	43 (2.8)	86 (2.0) ▲
New Zealand	38 (2.4) ▼	77 (2.4) ▼
Qatar	38 (2.1) ▼	73 (2.3) ▼
Czech Republic	37 (2.3) ▼	84 (2.3)
Belgium (Flemish)	36 (2.9) ▼	82 (2.4)
United Arab Emirates	34 (1.2) ▼	65 (0.8) ▼
Germany	34 (2.1) ▼	83 (1.8)
Portugal	32 (2.2) ▼	78 (1.9)
Slovak Republic	31 (2.5) ▼	83 (1.9)
Chinese Taipei	30 (2.5) ▼	73 (2.5) ▼
Saudi Arabia	19 (2.5) ▼	56 (3.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	67 (3.0) ▲	93 (1.5) ▲
Quebec, Canada	55 (2.5) ▲	89 (1.2) ▲
Dubai, UAE	53 (1.5) ▲	87 (1.0) ▲
Newfoundland & Labrador, Can.	47 (4.2)	81 (2.7)
Alberta, Canada	46 (2.9)	84 (2.5)
British Columbia, Canada	43 (2.6)	91 (1.5) ▲
Abu Dhabi, UAE	27 (1.5) ▼	53 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R17A (Learning a New Language): Eva's happiness (Two reasons unhappy at beginning)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	85 (1.4) ▲
Croatia	85 (3.2) ▲
Finland	82 (2.0) ▲
Denmark	82 (1.8) ▲
Norway (5)	81 (2.3) ▲
Sweden	79 (2.3) ▲
Slovenia	79 (2.3) ▲
Czech Republic	79 (2.5) ▲
Spain	78 (2.1) ▲
Belgium (Flemish)	77 (2.5)
Russian Federation	77 (4.2)
Germany	75 (2.1)
Slovak Republic	75 (2.8)
Malta	75 (3.3)
Lithuania	75 (2.7)
Kazakhstan	75 (2.2)
Hungary	74 (2.5)
Israel	74 (2.3)
International Average	**74 (0.5)**
Italy	73 (2.2)
New Zealand	70 (2.6)
Chinese Taipei	65 (2.6) ▼
Portugal	62 (2.4) ▼
Qatar	61 (2.2) ▼
United Arab Emirates	57 (0.9) ▼
Saudi Arabia	44 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	83 (2.5) ▲
Dubai, UAE	79 (1.4) ▲
British Columbia, Canada	77 (2.2)
Quebec, Canada	75 (1.4)
Alberta, Canada	74 (3.1)
Newfoundland & Labrador, Can.	70 (3.1)
Abu Dhabi, UAE	46 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51R17B (Learning a New Language): Eva's happiness (One way she will be happier)
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	83 (2.5) ▲
Lithuania	72 (2.0) ▲
Denmark	72 (2.7) ▲
Slovenia	67 (2.6) ▲
Singapore	66 (1.8) ▲
Russian Federation	66 (3.3) ▲
Italy	62 (3.0) ▲
Israel	61 (2.2) ▲
Hungary	60 (2.7)
Malta	60 (3.3)
Spain	59 (2.0)
International Average	**56 (0.5)**
Norway (5)	55 (2.8)
Kazakhstan	53 (2.8)
Qatar	53 (2.3)
Sweden	53 (3.4)
Finland	52 (2.9)
Portugal	50 (2.6) ▼
New Zealand	48 (2.4) ▼
Czech Republic	45 (2.3) ▼
United Arab Emirates	45 (1.1) ▼
Belgium (Flemish)	45 (2.9) ▼
Germany	44 (2.2) ▼
Chinese Taipei	43 (2.9) ▼
Slovak Republic	41 (2.9) ▼
Saudi Arabia	36 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	78 (2.4) ▲
Quebec, Canada	71 (2.7) ▲
Newfoundland & Labrador, Can.	63 (4.3)
Dubai, UAE	63 (1.4) ▲
British Columbia, Canada	59 (2.1)
Alberta, Canada	59 (2.6)
Abu Dhabi, UAE	36 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W01 (Where's the Honey?): What the Boran and honeyguide eat
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	78 (1.8) ▲	91 (1.3) ▲
Croatia	74 (3.7) ▲	91 (2.3) ▲
Singapore	69 (1.4) ▲	88 (0.9)
Slovak Republic	68 (2.3) ▲	88 (1.4)
Finland	68 (1.5) ▲	92 (0.9) ▲
Portugal	67 (1.9) ▲	91 (1.2) ▲
Czech Republic	66 (2.1) ▲	89 (1.6)
Chinese Taipei	66 (2.0) ▲	91 (1.2) ▲
Norway (5)	63 (2.6)	87 (1.7)
Slovenia	63 (2.8)	94 (1.2) ▲
Sweden	61 (2.4)	85 (2.0)
Germany	60 (2.0)	87 (1.4)
Denmark	60 (2.3)	87 (1.8)
Lithuania	60 (2.8)	84 (2.5)
International Average	**59 (0.5)**	**86 (0.3)**
Malta	59 (2.9)	88 (2.0)
Belgium (Flemish)	57 (2.7)	85 (2.0)
Israel	56 (2.2)	84 (1.7)
Spain	56 (2.2)	83 (1.4) ▼
New Zealand	56 (2.4)	87 (1.5)
Italy	51 (2.1) ▼	85 (1.5)
United Arab Emirates	51 (1.0) ▼	78 (1.0) ▼
Qatar	48 (2.6) ▼	80 (1.6) ▼
Hungary	48 (2.7) ▼	75 (2.3) ▼
Kazakhstan	42 (2.0) ▼	78 (1.4) ▼
Saudi Arabia	39 (3.5) ▼	81 (3.2)
Benchmarking Participants		
Moscow City, Russian Fed.	78 (1.5) ▲	92 (1.0) ▲
Quebec, Canada	68 (2.4) ▲	90 (1.6) ▲
British Columbia, Canada	66 (2.0) ▲	87 (1.8)
Dubai, UAE	66 (1.3) ▲	89 (1.0) ▲
Newfoundland & Labrador, Can.	61 (3.7)	87 (2.2)
Alberta, Canada	59 (3.1)	90 (1.5) ▲
Abu Dhabi, UAE	39 (2.4) ▼	68 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W02 (Where's the Honey?): How the Boran and honeyguide help
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	47 (1.6) ▲	76 (1.3) ▲
Denmark	45 (2.8) ▲	68 (2.1) ▲
Russian Federation	43 (2.0) ▲	70 (1.9) ▲
Croatia	43 (3.4) ▲	75 (3.1) ▲
Finland	43 (2.0) ▲	75 (1.5) ▲
Czech Republic	40 (2.3) ▲	69 (2.0) ▲
Norway (5)	40 (2.5) ▲	66 (2.7) ▲
Sweden	36 (2.9)	61 (2.5)
Chinese Taipei	36 (2.2) ▲	63 (2.1) ▲
Lithuania	35 (1.9) ▲	63 (2.3) ▲
Slovak Republic	34 (3.1)	63 (2.7) ▲
Germany	34 (2.1)	63 (2.1) ▲
International Average	**31 (0.5)**	**58 (0.5)**
New Zealand	29 (1.8)	60 (2.3)
Italy	28 (2.0)	54 (2.1) ▼
Hungary	28 (2.4)	52 (2.8) ▼
Spain	27 (1.7) ▼	57 (2.9)
Slovenia	27 (2.5)	56 (2.8)
Malta	24 (3.0) ▼	52 (2.9) ▼
United Arab Emirates	22 (1.0) ▼	48 (1.4) ▼
Israel	22 (1.9) ▼	47 (2.4) ▼
Kazakhstan	19 (1.7) ▼	48 (1.8) ▼
Portugal	18 (1.8) ▼	44 (2.3) ▼
Qatar	18 (1.7) ▼	50 (2.6) ▼
Belgium (Flemish)	15 (2.0) ▼	36 (2.5) ▼
Saudi Arabia	14 (2.5) ▼	37 (3.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	52 (2.1) ▲	77 (1.6) ▲
Alberta, Canada	41 (2.7) ▲	69 (2.3) ▲
British Columbia, Canada	39 (2.4) ▲	67 (2.3) ▲
Quebec, Canada	38 (2.6) ▲	60 (2.6)
Dubai, UAE	37 (1.5) ▲	69 (1.5) ▲
Newfoundland & Labrador, Can.	35 (3.9)	55 (3.6)
Abu Dhabi, UAE	17 (1.9) ▼	36 (2.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W03 (Where's the Honey?): Why the Boran move
Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	66 (2.2) ▲
Russian Federation	62 (2.4) ▲
Singapore	62 (1.5) ▲
Denmark	59 (2.4) ▲
Czech Republic	56 (2.0) ▲
Slovak Republic	54 (2.6) ▲
Hungary	53 (2.6)
Croatia	52 (3.4)
Israel	51 (2.2)
Italy	51 (2.2)
Finland	51 (1.8)
Sweden	50 (2.5)
International Average	**49 (0.5)**
Portugal	48 (2.3)
Germany	47 (1.9)
Spain	46 (2.1)
Norway (5)	46 (2.8)
United Arab Emirates	44 (1.4) ▼
New Zealand	44 (2.6)
Slovenia	44 (2.6)
Lithuania	44 (2.1) ▼
Belgium (Flemish)	44 (2.6) ▼
Malta	42 (3.4)
Qatar	39 (2.0) ▼
Kazakhstan	39 (1.7) ▼
Saudi Arabia	22 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.6) ▲
Dubai, UAE	53 (1.4) ▲
Alberta, Canada	51 (2.9)
Quebec, Canada	50 (2.2)
British Columbia, Canada	47 (3.0)
Abu Dhabi, UAE	41 (2.3) ▼
Newfoundland & Labrador, Can.	39 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W04 (Where's the Honey?): What Borans' houses are made of
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	84 (1.7) ▲
Singapore	83 (1.0) ▲
Russian Federation	79 (2.3) ▲
Lithuania	75 (2.5) ▲
Norway (5)	73 (2.3) ▲
Croatia	73 (3.5)
Sweden	73 (2.2) ▲
Finland	71 (1.8) ▲
Czech Republic	70 (2.2)
Denmark	70 (1.9)
Germany	68 (1.9)
International Average	**67 (0.5)**
Portugal	67 (2.1)
Spain	67 (2.6)
Hungary	66 (2.9)
Slovak Republic	66 (2.2)
Italy	65 (1.8)
Israel	64 (2.2)
Malta	64 (3.1)
New Zealand	63 (2.4)
Belgium (Flemish)	62 (2.6) ▼
Slovenia	61 (2.9) ▼
United Arab Emirates	59 (1.5) ▼
Qatar	57 (2.9) ▼
Kazakhstan	57 (1.9) ▼
Saudi Arabia	42 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.5) ▲
Dubai, UAE	74 (1.2) ▲
British Columbia, Canada	72 (1.9) ▲
Alberta, Canada	68 (3.3)
Quebec, Canada	67 (2.3)
Newfoundland & Labrador, Can.	64 (3.2)
Abu Dhabi, UAE	46 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W05 (Where's the Honey?): What you learn from Meet the Boran
Multiple Choice (Key is C)

Country	Percent Full Credit
Slovak Republic	68 (2.5) ▲
Lithuania	62 (2.1) ▲
Finland	61 (1.9) ▲
Chinese Taipei	61 (2.3) ▲
Hungary	60 (2.4) ▲
Czech Republic	59 (1.9) ▲
Singapore	57 (1.3) ▲
Denmark	57 (2.3) ▲
Russian Federation	56 (2.4)
Germany	54 (2.0)
Sweden	53 (2.5)
Spain	53 (1.9)
Croatia	53 (2.7)
Belgium (Flemish)	52 (3.1)
International Average	**51 (0.5)**
Portugal	51 (2.3)
Slovenia	49 (2.6)
Italy	48 (2.4)
Norway (5)	47 (2.5)
Saudi Arabia	43 (3.6) ▼
Israel	43 (2.4) ▼
New Zealand	41 (2.4) ▼
United Arab Emirates	40 (1.3) ▼
Kazakhstan	39 (1.9) ▼
Malta	35 (2.9) ▼
Qatar	33 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (1.9) ▲
Dubai, UAE	49 (1.8)
British Columbia, Canada	47 (2.7)
Alberta, Canada	46 (2.4)
Newfoundland & Labrador, Can.	45 (3.1)
Quebec, Canada	39 (2.4) ▼
Abu Dhabi, UAE	38 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W06 (Where's the Honey?): How the Boran call honeyguide
Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	89 (1.4) ▲
Singapore	88 (1.0) ▲
Norway (5)	86 (1.9) ▲
Lithuania	85 (1.6) ▲
Russian Federation	84 (1.9) ▲
Slovenia	83 (2.1) ▲
Denmark	82 (1.8) ▲
Sweden	81 (2.0) ▲
Belgium (Flemish)	81 (2.0) ▲
Croatia	81 (2.9)
Italy	78 (2.1)
Portugal	78 (1.9)
New Zealand	77 (1.9)
Finland	77 (1.6)
International Average	**77 (0.4)**
Germany	76 (1.8)
Spain	75 (1.9)
Czech Republic	74 (1.5)
Slovak Republic	74 (2.4)
Kazakhstan	74 (1.6)
Israel	73 (1.9)
Hungary	70 (2.0) ▼
Malta	70 (3.0) ▼
United Arab Emirates	67 (0.8) ▼
Qatar	62 (2.6) ▼
Saudi Arabia	50 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.2) ▲
Dubai, UAE	81 (1.1) ▲
British Columbia, Canada	76 (2.2)
Quebec, Canada	75 (2.1)
Alberta, Canada	74 (3.2)
Newfoundland & Labrador, Can.	70 (2.9) ▼
Abu Dhabi, UAE	55 (1.7) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE31W07 (Where's the Honey?): Message honeyguide sends (DERIVED)
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	44 (1.6) ▲	70 (1.4) ▲	80 (1.3) ▲
Russian Federation	33 (2.2) ▲	52 (2.5) ▲	68 (1.9) ▲
Chinese Taipei	30 (2.0) ▲	52 (2.3) ▲	67 (2.6) ▲
Finland	23 (1.5) ▲	39 (2.2) ▲	55 (2.1) ▲
Lithuania	22 (1.9) ▲	45 (2.1) ▲	64 (2.7) ▲
Czech Republic	21 (1.9)	37 (2.5)	50 (2.4)
Denmark	20 (2.0)	32 (2.4)	49 (2.3)
Hungary	20 (1.9)	34 (2.2)	48 (2.6)
Croatia	20 (3.5)	42 (3.8) ▲	59 (3.5) ▲
Sweden	18 (2.0)	33 (2.7)	47 (2.3)
United Arab Emirates	17 (0.9)	32 (1.1)	44 (1.3) ▼
International Average	**17 (0.4)**	**33 (0.5)**	**49 (0.5)**
Norway (5)	17 (2.0)	32 (2.5)	44 (2.6)
New Zealand	16 (1.6)	30 (2.1)	42 (2.3) ▼
Israel	15 (1.9)	30 (2.1)	47 (2.3)
Qatar	15 (1.7)	26 (2.2) ▼	41 (2.4) ▼
Belgium (Flemish)	14 (2.0)	26 (2.9) ▼	40 (3.0) ▼
Portugal	14 (1.9)	28 (2.3) ▼	44 (2.6) ▼
Malta	13 (1.7) ▼	30 (3.3)	44 (3.3)
Spain	12 (1.1) ▼	25 (1.7) ▼	47 (2.4)
Germany	12 (1.3) ▼	29 (2.2) ▼	49 (2.6)
Kazakhstan	11 (1.3) ▼	24 (1.7) ▼	44 (1.7) ▼
Slovak Republic	11 (1.8) ▼	21 (2.5) ▼	43 (2.8) ▼
Italy	11 (1.5) ▼	26 (2.2) ▼	44 (2.4) ▼
Slovenia	6 (1.4) ▼	20 (2.3) ▼	39 (2.4) ▼
Saudi Arabia	2 (1.0) ▼	12 (2.8) ▼	36 (3.9) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	46 (2.0) ▲	66 (2.0) ▲	79 (1.8) ▲
Dubai, UAE	28 (1.4) ▲	48 (1.7) ▲	60 (1.9) ▲
British Columbia, Canada	19 (2.2)	31 (2.9)	48 (2.5)
Alberta, Canada	19 (1.9)	35 (2.7)	47 (3.9)
Newfoundland & Labrador, Can.	17 (2.3)	27 (3.0)	39 (3.3) ▼
Abu Dhabi, UAE	13 (1.4) ▼	22 (1.5) ▼	32 (2.0) ▼
Quebec, Canada	12 (1.6) ▼	31 (2.4)	53 (3.2)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W07A (Where's the Honey?): Message honeyguide sends (flies)
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	61 (2.5) ▲
Singapore	60 (1.6) ▲
Lithuania	50 (2.6) ▲
Chinese Taipei	48 (2.4) ▲
Finland	46 (2.5) ▲
Czech Republic	41 (2.6)
Croatia	40 (4.0)
Sweden	37 (2.6)
Portugal	37 (2.8)
International Average	**36 (0.5)**
Hungary	36 (2.4)
Norway (5)	35 (2.8)
Spain	35 (2.2)
Denmark	34 (2.8)
Kazakhstan	33 (1.9)
Germany	33 (2.5)
New Zealand	32 (2.2)
Israel	32 (2.5)
United Arab Emirates	32 (1.4) ▼
Italy	32 (2.6)
Belgium (Flemish)	31 (3.3)
Malta	29 (2.7) ▼
Qatar	27 (2.4) ▼
Slovenia	26 (2.3) ▼
Slovak Republic	25 (2.2) ▼
Saudi Arabia	16 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	71 (1.8) ▲
Dubai, UAE	46 (1.6) ▲
British Columbia, Canada	38 (2.9)
Alberta, Canada	36 (3.7)
Newfoundland & Labrador, Can.	31 (3.5)
Quebec, Canada	29 (2.2) ▼
Abu Dhabi, UAE	24 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W07B (Where's the Honey?): Message honeyguide sends (close)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	66 (1.4) ▲
Chinese Taipei	57 (2.5) ▲
Lithuania	50 (2.4) ▲
Russian Federation	47 (2.2) ▲
Croatia	44 (3.7) ▲
Czech Republic	38 (2.5)
Finland	38 (2.0)
Germany	36 (2.2)
Sweden	35 (2.9)
International Average	**35 (0.5)**
Denmark	34 (2.2)
Israel	33 (2.4)
United Arab Emirates	32 (1.1) ▼
Hungary	32 (2.3)
Italy	32 (2.1)
Malta	31 (3.4)
Spain	30 (2.0) ▼
Norway (5)	29 (2.8) ▼
Belgium (Flemish)	29 (2.9) ▼
Portugal	28 (2.3) ▼
Slovak Republic	28 (2.6) ▼
Qatar	28 (1.9) ▼
Kazakhstan	27 (2.0) ▼
New Zealand	27 (2.1) ▼
Slovenia	26 (2.6) ▼
Saudi Arabia	19 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	64 (2.1) ▲
Dubai, UAE	47 (2.5) ▲
Quebec, Canada	39 (3.2)
British Columbia, Canada	35 (2.5)
Alberta, Canada	33 (2.9)
Newfoundland & Labrador, Can.	26 (2.8) ▼
Abu Dhabi, UAE	23 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W07C (Where's the Honey?): Message honeyguide sends (arrive)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	71 (1.5) ▲
Chinese Taipei	53 (2.5) ▲
Russian Federation	50 (2.6) ▲
Croatia	42 (4.3)
Finland	42 (1.7) ▲
Hungary	41 (2.6) ▲
Czech Republic	40 (2.4)
Lithuania	38 (2.3)
Denmark	37 (2.4)
Israel	36 (2.5)
Norway (5)	36 (2.4)
International Average	**35 (0.5)**
United Arab Emirates	35 (1.1)
Sweden	34 (2.8)
New Zealand	34 (2.2)
Malta	32 (3.0)
Qatar	32 (2.3)
Germany	31 (2.4)
Spain	30 (2.1) ▼
Portugal	30 (2.5) ▼
Slovak Republic	29 (3.1) ▼
Belgium (Flemish)	26 (3.0) ▼
Italy	24 (2.5) ▼
Kazakhstan	23 (1.9) ▼
Saudi Arabia	19 (3.4) ▼
Slovenia	18 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	60 (2.0) ▲
Dubai, UAE	48 (1.6) ▲
Alberta, Canada	37 (3.2)
Quebec, Canada	34 (2.6)
Newfoundland & Labrador, Can.	32 (2.7)
British Columbia, Canada	32 (2.7)
Abu Dhabi, UAE	25 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W08 (Where's the Honey?): Why the Boran light a fire
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	78 (1.2) ▲
Lithuania	78 (2.0) ▲
Russian Federation	77 (2.5) ▲
Czech Republic	76 (1.6) ▲
Finland	76 (1.5) ▲
Croatia	74 (3.5) ▲
Slovenia	72 (2.4) ▲
Chinese Taipei	72 (2.1) ▲
Slovak Republic	71 (2.5)
Denmark	70 (2.6)
Germany	70 (2.0)
Norway (5)	68 (2.1)
Hungary	67 (2.4)
Portugal	67 (2.0)
International Average	**66 (0.5)**
Italy	65 (2.2)
New Zealand	65 (2.2)
Saudi Arabia	63 (3.7)
Kazakhstan	61 (2.0) ▼
Spain	59 (2.1) ▼
United Arab Emirates	59 (1.2) ▼
Qatar	57 (2.4) ▼
Israel	56 (2.3) ▼
Sweden	56 (2.3) ▼
Belgium (Flemish)	56 (2.6) ▼
Malta	51 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.6) ▲
British Columbia, Canada	70 (2.2)
Quebec, Canada	70 (2.3)
Dubai, UAE	67 (1.4)
Alberta, Canada	67 (2.9)
Newfoundland & Labrador, Can.	62 (3.2)
Abu Dhabi, UAE	53 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W09 (Where's the Honey?): Main message of the Boran legend
Multiple Choice (Key is A)

Country	Percent Full Credit
Sweden	59 (3.0) ▲
Finland	56 (1.8) ▲
Russian Federation	54 (2.4) ▲
Slovenia	51 (3.1) ▲
Norway (5)	51 (2.4) ▲
Lithuania	50 (2.3) ▲
Slovak Republic	49 (2.4) ▲
Italy	49 (2.2) ▲
Germany	48 (2.5) ▲
Singapore	48 (1.6) ▲
Denmark	48 (2.6) ▲
Croatia	45 (3.3)
Spain	44 (2.1)
Portugal	43 (2.1)
International Average	**43 (0.5)**
Belgium (Flemish)	42 (2.8)
Hungary	39 (2.1)
Czech Republic	39 (2.0) ▼
New Zealand	36 (1.9) ▼
Chinese Taipei	35 (2.2) ▼
United Arab Emirates	33 (1.2) ▼
Malta	33 (3.7) ▼
Qatar	32 (2.6) ▼
Kazakhstan	28 (1.9) ▼
Israel	26 (1.9) ▼
Saudi Arabia	22 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	66 (2.0) ▲
Alberta, Canada	42 (3.4)
British Columbia, Canada	41 (2.1)
Dubai, UAE	40 (2.1)
Newfoundland & Labrador, Can.	39 (2.9)
Quebec, Canada	37 (2.6) ▼
Abu Dhabi, UAE	27 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W10 (Where's the Honey?): Why honeyguide visits in morning
Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	69 (2.4) ▲
Croatia	62 (3.5) ▲
Denmark	62 (2.6) ▲
Slovenia	61 (2.7) ▲
Russian Federation	61 (2.3) ▲
Hungary	60 (2.4) ▲
Singapore	59 (1.3) ▲
Sweden	57 (2.7) ▲
Chinese Taipei	55 (2.4) ▲
Czech Republic	55 (2.1) ▲
New Zealand	54 (2.2) ▲
Finland	52 (1.8) ▲
International Average	**47 (0.5)**
Germany	47 (2.3)
Norway (5)	46 (2.8)
Portugal	42 (2.0) ▼
Slovak Republic	41 (2.9) ▼
Spain	39 (1.9) ▼
Kazakhstan	39 (1.7) ▼
Malta	38 (3.9) ▼
United Arab Emirates	37 (0.9) ▼
Belgium (Flemish)	36 (2.4) ▼
Italy	36 (2.0) ▼
Israel	34 (2.1) ▼
Qatar	26 (1.9) ▼
Saudi Arabia	15 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	71 (1.8) ▲
Quebec, Canada	59 (2.5) ▲
Alberta, Canada	59 (2.0) ▲
British Columbia, Canada	56 (2.6) ▲
Newfoundland & Labrador, Can.	52 (3.3)
Dubai, UAE	47 (1.4)
Abu Dhabi, UAE	29 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W11 (Where's the Honey?): What shows evidence of partnership
Constructed Response (1 Point)

Country	Percent Full Credit
Italy	56 (2.8) ▲
Hungary	55 (2.9) ▲
Singapore	53 (1.6) ▲
Russian Federation	50 (2.3) ▲
Finland	49 (1.8) ▲
Sweden	48 (2.7) ▲
Chinese Taipei	47 (2.5) ▲
Denmark	45 (2.5) ▲
Lithuania	44 (2.6) ▲
Germany	43 (2.3) ▲
Slovenia	39 (2.8)
International Average	**38 (0.5)**
Portugal	38 (1.9)
Slovak Republic	35 (2.9)
Croatia	35 (3.0)
United Arab Emirates	34 (1.0) ▼
Spain	34 (2.5)
New Zealand	34 (2.1) ▼
Malta	34 (3.2)
Qatar	28 (2.2) ▼
Norway (5)	28 (2.6) ▼
Saudi Arabia	26 (3.2) ▼
Czech Republic	26 (2.0) ▼
Israel	25 (2.1) ▼
Kazakhstan	25 (1.8) ▼
Belgium (Flemish)	25 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	62 (1.8) ▲
Dubai, UAE	49 (1.7) ▲
Alberta, Canada	38 (3.4)
British Columbia, Canada	35 (2.8)
Quebec, Canada	33 (2.3) ▼
Newfoundland & Labrador, Can.	33 (3.1)
Abu Dhabi, UAE	23 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W12 (Where's the Honey?): Why partnership is in danger
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	60 (1.6) ▲
Chinese Taipei	56 (2.3) ▲
Russian Federation	56 (2.6) ▲
Norway (5)	56 (2.6) ▲
Finland	54 (2.2) ▲
Denmark	54 (2.2) ▲
Sweden	49 (2.8) ▲
Italy	48 (2.4)
Lithuania	47 (2.3)
United Arab Emirates	44 (1.0)
New Zealand	44 (2.2)
International Average	**43 (0.5)**
Hungary	41 (2.7)
Israel	40 (2.1)
Malta	39 (3.3)
Slovenia	39 (2.4)
Croatia	39 (3.1)
Spain	39 (2.3)
Qatar	38 (1.8) ▼
Germany	37 (2.2) ▼
Slovak Republic	37 (2.7) ▼
Czech Republic	34 (1.9) ▼
Kazakhstan	33 (2.0) ▼
Belgium (Flemish)	30 (2.8) ▼
Saudi Arabia	30 (3.5) ▼
Portugal	28 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	66 (1.9) ▲
Dubai, UAE	53 (1.9) ▲
Newfoundland & Labrador, Can.	52 (4.1) ▲
Alberta, Canada	51 (3.0) ▲
British Columbia, Canada	51 (2.9) ▲
Quebec, Canada	45 (2.5)
Abu Dhabi, UAE	39 (2.1)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31W13 (Where's the Honey?): What honeyguide might do diff.
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	55 (2.4) ▲
Norway (5)	50 (2.6) ▲
Denmark	47 (2.5) ▲
Finland	44 (1.8) ▲
Croatia	44 (3.6) ▲
Czech Republic	43 (2.2) ▲
Singapore	41 (1.5) ▲
Hungary	39 (2.6) ▲
Sweden	37 (2.6)
Israel	35 (2.7)
Chinese Taipei	35 (2.6)
International Average	**34 (0.5)**
Spain	33 (2.6)
Italy	32 (2.1)
Lithuania	32 (2.5)
Malta	29 (2.6)
Slovak Republic	28 (2.5) ▼
Germany	28 (2.2) ▼
New Zealand	28 (2.6) ▼
United Arab Emirates	27 (1.2) ▼
Qatar	26 (2.2) ▼
Kazakhstan	26 (1.5) ▼
Slovenia	22 (2.4) ▼
Portugal	20 (2.0) ▼
Belgium (Flemish)	20 (2.5) ▼
Saudi Arabia	19 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	54 (1.8) ▲
Alberta, Canada	45 (3.3) ▲
British Columbia, Canada	41 (2.3) ▲
Dubai, UAE	38 (1.8) ▲
Quebec, Canada	36 (2.4)
Newfoundland & Labrador, Can.	31 (2.6)
Abu Dhabi, UAE	23 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I01 (Icelandic Horses): Year the Vikings left Norway
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	98 (0.6) ▲
Russian Federation	97 (0.7) ▲
Finland	96 (0.6) ▲
Germany	96 (0.6) ▲
Portugal	96 (0.8) ▲
Singapore	96 (0.6) ▲
Hungary	95 (1.1) ▲
Chinese Taipei	95 (0.9) ▲
Sweden	95 (1.2) ▲
Slovenia	94 (1.1) ▲
Denmark	94 (1.3) ▲
Spain	94 (0.8) ▲
Malta	94 (1.6)
Israel	93 (1.1)
Lithuania	93 (1.4)
Czech Republic	92 (1.3)
International Average	**92 (0.2)**
Belgium (Flemish)	92 (1.6)
Italy	92 (1.2)
Norway (5)	92 (1.4)
Slovak Republic	91 (1.8)
New Zealand	90 (1.3)
Qatar	88 (1.1) ▼
United Arab Emirates	86 (0.8) ▼
Saudi Arabia	85 (2.2) ▼
Kazakhstan	62 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.7) ▲
Quebec, Canada	94 (1.1)
Dubai, UAE	93 (1.0)
Alberta, Canada	92 (1.5)
Newfoundland & Labrador, Can.	91 (1.3)
British Columbia, Canada	90 (1.2)
Abu Dhabi, UAE	75 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I02 (Icelandic Horses): Why did Vikings choose their cargo carefully
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	56 (2.4) ▲
Singapore	55 (1.6) ▲
Slovenia	54 (2.3) ▲
Hungary	54 (2.5) ▲
Italy	52 (2.6) ▲
Norway (5)	50 (2.4) ▲
Slovak Republic	49 (3.7)
Lithuania	48 (2.6) ▲
Sweden	47 (2.7)
Belgium (Flemish)	45 (2.7)
International Average	**43 (0.5)**
Croatia	43 (3.0)
New Zealand	43 (2.1)
Finland	43 (1.6)
Kazakhstan	42 (2.0)
Germany	42 (1.9)
Czech Republic	41 (2.2)
Russian Federation	38 (3.0)
Malta	37 (2.7) ▼
Israel	36 (2.5) ▼
United Arab Emirates	36 (1.1) ▼
Qatar	34 (2.1) ▼
Portugal	33 (2.0) ▼
Denmark	33 (2.2) ▼
Spain	33 (1.9) ▼
Saudi Arabia	25 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	57 (2.1) ▲
Alberta, Canada	52 (2.8) ▲
Quebec, Canada	51 (2.2) ▲
British Columbia, Canada	51 (2.6) ▲
Dubai, UAE	49 (1.2) ▲
Newfoundland & Labrador, Can.	43 (2.5)
Abu Dhabi, UAE	30 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I03 (Icelandic Horses): Two reasons Iceland thousands of horses
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Sweden	46 (2.6) ▲	76 (2.2) ▲
Lithuania	45 (2.3) ▲	76 (2.1) ▲
Hungary	44 (2.8) ▲	79 (2.5) ▲
Russian Federation	43 (3.0) ▲	76 (2.0) ▲
Singapore	43 (1.5) ▲	80 (1.0) ▲
Germany	38 (2.2) ▲	80 (1.7) ▲
Croatia	37 (3.0)	78 (3.0) ▲
Norway (5)	35 (2.4)	74 (2.1) ▲
Czech Republic	35 (2.4)	71 (2.3)
Kazakhstan	34 (1.8)	60 (1.8) ▼
Finland	33 (1.9)	74 (2.2) ▲
Israel	32 (2.1)	65 (2.3)
Denmark	32 (2.2)	70 (2.1)
International Average	**32 (0.5)**	**67 (0.5)**
Chinese Taipei	31 (2.5)	66 (2.2)
Slovak Republic	31 (4.5)	73 (3.1) ▲
Malta	28 (3.5)	60 (3.1) ▼
Portugal	26 (2.0) ▼	58 (2.3) ▼
Spain	25 (2.1) ▼	59 (2.1) ▼
Slovenia	24 (2.6) ▼	62 (2.3) ▼
Italy	24 (2.0) ▼	65 (2.3)
United Arab Emirates	23 (1.0) ▼	54 (1.0) ▼
Qatar	22 (1.6) ▼	57 (1.9) ▼
New Zealand	21 (1.9) ▼	53 (2.3) ▼
Saudi Arabia	19 (3.7) ▼	50 (4.3) ▼
Belgium (Flemish)	19 (2.3) ▼	52 (3.0) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	58 (1.9) ▲	84 (1.5) ▲
Dubai, UAE	35 (1.9)	70 (1.5)
Quebec, Canada	33 (2.0)	74 (1.8) ▲
Alberta, Canada	32 (1.7)	68 (3.2)
Newfoundland & Labrador, Can.	28 (3.0)	64 (3.6)
British Columbia, Canada	27 (2.1) ▼	67 (2.5)
Abu Dhabi, UAE	18 (1.4) ▼	44 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I04 (Icelandic Horses): What kind of place did they find
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Sweden	46 (2.5) ▲	80 (2.1) ▲
Singapore	45 (1.4) ▲	82 (1.2) ▲
Hungary	40 (2.6) ▲	82 (2.2) ▲
New Zealand	40 (2.6) ▲	69 (2.5)
Norway (5)	40 (2.6) ▲	78 (2.2) ▲
Slovak Republic	37 (4.3)	77 (2.5) ▲
Czech Republic	36 (2.6) ▲	79 (1.8) ▲
Russian Federation	36 (2.4) ▲	76 (2.0) ▲
Lithuania	32 (2.0)	69 (2.4)
Germany	31 (2.3)	57 (2.4) ▼
Chinese Taipei	30 (2.3)	69 (2.3)
Croatia	30 (3.1)	75 (2.8) ▲
International Average	**29 (0.5)**	**68 (0.5)**
Portugal	27 (2.5)	68 (2.1)
Denmark	27 (2.1)	72 (2.2)
United Arab Emirates	27 (0.9) ▼	57 (1.3) ▼
Malta	26 (2.7)	63 (2.8)
Finland	25 (2.3) ▼	71 (2.2)
Slovenia	24 (2.7) ▼	67 (3.1)
Italy	23 (2.4) ▼	69 (2.5)
Spain	21 (1.9) ▼	61 (2.3) ▼
Belgium (Flemish)	21 (2.8) ▼	60 (3.2) ▼
Qatar	20 (1.7) ▼	53 (2.4) ▼
Kazakhstan	18 (1.4) ▼	59 (1.9) ▼
Saudi Arabia	18 (3.5) ▼	48 (3.8) ▼
Israel	16 (1.8) ▼	57 (2.6) ▼
Benchmarking Participants		
Dubai, UAE	41 (1.4) ▲	73 (1.4) ▲
British Columbia, Canada	40 (2.7) ▲	75 (2.1) ▲
Alberta, Canada	38 (3.1) ▲	71 (2.9)
Moscow City, Russian Fed.	35 (1.7) ▲	83 (1.5) ▲
Quebec, Canada	33 (3.2)	79 (2.1) ▲
Newfoundland & Labrador, Can.	32 (3.0)	68 (2.8)
Abu Dhabi, UAE	19 (1.4) ▼	45 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I05 (Icelandic Horses): How do the large numbers help the reader
Multiple Choice (Key is C)

Country	Percent Full Credit
Italy	74 (1.8) ▲
Russian Federation	70 (2.1) ▲
Slovenia	69 (2.7) ▲
Singapore	69 (1.5) ▲
Sweden	66 (2.4) ▲
Spain	66 (1.9) ▲
Chinese Taipei	64 (2.5) ▲
Norway (5)	62 (2.5)
Israel	61 (2.2)
Hungary	61 (2.3)
Lithuania	59 (2.1)
Kazakhstan	58 (2.0)
Croatia	58 (3.6)
International Average	**57 (0.5)**
Portugal	57 (2.3)
Belgium (Flemish)	57 (2.8)
Denmark	56 (2.2)
Malta	55 (2.8)
Slovak Republic	55 (3.8)
Finland	52 (1.9) ▼
Germany	51 (1.8) ▼
United Arab Emirates	49 (1.0) ▼
New Zealand	47 (2.0) ▼
Czech Republic	44 (2.4) ▼
Saudi Arabia	38 (4.0) ▼
Qatar	37 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.5) ▲
Quebec, Canada	68 (1.9) ▲
Dubai, UAE	63 (1.4) ▲
British Columbia, Canada	52 (2.7)
Newfoundland & Labrador, Can.	51 (3.1) ▼
Alberta, Canada	47 (2.7) ▼
Abu Dhabi, UAE	43 (2.2) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41I06 (Icelandic Horses): Why did Icelandic people treat horses with respect
Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	82 (1.6) ▲
Singapore	72 (1.3) ▲
Slovak Republic	66 (3.0) ▲
Chinese Taipei	66 (2.3) ▲
Hungary	65 (2.4) ▲
Slovenia	64 (2.4) ▲
Croatia	62 (3.4) ▲
Finland	60 (1.7) ▲
Italy	60 (2.1) ▲
Lithuania	60 (2.4) ▲
Czech Republic	56 (1.8)
International Average	**54 (0.5)**
Germany	53 (2.2)
New Zealand	53 (2.1)
Spain	52 (1.9)
Kazakhstan	51 (2.0)
Qatar	50 (2.0) ▼
Saudi Arabia	49 (3.5)
Israel	49 (2.4) ▼
United Arab Emirates	48 (1.1) ▼
Malta	47 (3.2) ▼
Sweden	44 (3.1) ▼
Belgium (Flemish)	44 (2.3) ▼
Portugal	42 (2.3) ▼
Norway (5)	34 (2.5) ▼
Denmark	31 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.1) ▲
Dubai, UAE	63 (2.4) ▲
British Columbia, Canada	59 (2.7)
Alberta, Canada	54 (2.6)
Newfoundland & Labrador, Can.	51 (2.7)
Quebec, Canada	50 (2.3)
Abu Dhabi, UAE	34 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I07 (Icelandic Horses): Write how conditions changed the horse
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	46 (2.4) ▲	70 (2.3) ▲
Croatia	41 (3.3) ▲	68 (3.4) ▲
Singapore	39 (1.6) ▲	67 (1.4) ▲
Finland	38 (2.0) ▲	68 (1.5) ▲
Sweden	38 (2.4) ▲	63 (2.5) ▲
Slovak Republic	38 (4.2)	63 (3.2) ▲
Slovenia	37 (2.8) ▲	63 (2.3) ▲
Italy	37 (2.5) ▲	61 (2.3) ▲
Russian Federation	35 (2.8)	67 (4.0) ▲
Hungary	33 (2.7)	56 (2.8)
Czech Republic	32 (2.1)	58 (2.9)
Norway (5)	32 (2.7)	53 (2.8)
New Zealand	32 (2.1)	50 (2.2) ▼
Denmark	31 (2.3)	53 (2.3)
International Average	**30 (0.5)**	**55 (0.5)**
Chinese Taipei	30 (2.0)	60 (2.3) ▲
Germany	29 (2.1)	51 (2.2)
Kazakhstan	27 (1.9) ▼	51 (1.7) ▼
Malta	25 (2.5) ▼	46 (3.1) ▼
Belgium (Flemish)	25 (2.7) ▼	48 (2.8) ▼
United Arab Emirates	24 (1.3) ▼	43 (1.3) ▼
Spain	23 (1.9) ▼	44 (2.3) ▼
Israel	22 (1.9) ▼	49 (2.4) ▼
Portugal	20 (1.7) ▼	47 (2.0) ▼
Qatar	19 (2.2) ▼	39 (2.4) ▼
Saudi Arabia	8 (2.5) ▼	27 (3.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	42 (2.0) ▲	77 (1.8) ▲
Dubai, UAE	37 (1.6) ▲	60 (1.6) ▲
Quebec, Canada	37 (2.6) ▲	64 (2.5) ▲
British Columbia, Canada	29 (2.5)	51 (2.7)
Alberta, Canada	26 (2.3)	54 (3.2)
Newfoundland & Labrador, Can.	25 (3.0)	48 (3.7)
Abu Dhabi, UAE	18 (1.7) ▼	32 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I08 (Icelandic Horses): What is the tolt
Multiple Choice (Key is A)

Country	Percent Full Credit
Croatia	92 (2.1) ▲
Chinese Taipei	87 (1.4) ▲
Slovenia	87 (1.5) ▲
Russian Federation	87 (1.9) ▲
Lithuania	86 (1.9) ▲
Sweden	85 (1.8) ▲
Singapore	85 (1.1) ▲
Czech Republic	84 (1.6) ▲
Slovak Republic	84 (2.2) ▲
Italy	84 (1.9) ▲
Finland	82 (1.3) ▲
Belgium (Flemish)	82 (2.2)
Hungary	80 (2.6)
Kazakhstan	78 (1.4)
International Average	**78 (0.4)**
Norway (5)	76 (2.3)
New Zealand	76 (1.7)
Germany	75 (1.7) ▼
Portugal	75 (2.1)
Spain	75 (2.0)
Denmark	72 (2.3) ▼
United Arab Emirates	68 (0.8) ▼
Malta	68 (2.8) ▼
Qatar	67 (2.2) ▼
Israel	64 (2.2) ▼
Saudi Arabia	57 (3.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.0) ▲
Quebec, Canada	87 (1.6) ▲
Alberta, Canada	82 (2.3)
British Columbia, Canada	80 (1.6)
Dubai, UAE	80 (1.3)
Newfoundland & Labrador, Can.	78 (2.3)
Abu Dhabi, UAE	57 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I09 (Icelandic Horses): Why do riders sometimes carry a glass of water
Constructed Response (1 Point)

Country	Percent Full Credit
Hungary	73 (2.8) ▲
Croatia	72 (3.1) ▲
Sweden	68 (3.0) ▲
Finland	66 (2.0) ▲
Lithuania	66 (2.5) ▲
Singapore	64 (1.5) ▲
Chinese Taipei	64 (2.1) ▲
Russian Federation	63 (2.2) ▲
Belgium (Flemish)	62 (2.9)
Norway (5)	61 (2.6)
Czech Republic	61 (2.4)
New Zealand	61 (2.2)
Denmark	59 (2.4)
Germany	58 (2.2)
International Average	**58 (0.5)**
Slovak Republic	56 (3.6)
Kazakhstan	55 (2.2)
Slovenia	54 (2.9)
Israel	54 (2.3)
Spain	54 (2.6)
Italy	50 (2.7) ▼
United Arab Emirates	49 (1.0) ▼
Malta	49 (3.5) ▼
Qatar	49 (2.4) ▼
Portugal	39 (2.1) ▼
Saudi Arabia	32 (4.7) ▼
Benchmarking Participants	
Dubai, UAE	65 (1.7) ▲
Quebec, Canada	62 (2.1)
Alberta, Canada	61 (3.2)
Moscow City, Russian Fed.	60 (1.9)
Newfoundland & Labrador, Can.	59 (3.4)
British Columbia, Canada	58 (2.6)
Abu Dhabi, UAE	35 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I10 (Icelandic Horses): What is one thing you learn from this picture
Multiple Choice (Key is C)

Country	Percent Full Credit
Slovak Republic	73 (2.6) ▲
Denmark	72 (2.3) ▲
Czech Republic	70 (2.1) ▲
Finland	69 (1.6) ▲
Slovenia	68 (2.5) ▲
Norway (5)	66 (2.3) ▲
Lithuania	66 (2.5) ▲
Italy	65 (2.2) ▲
Belgium (Flemish)	65 (2.3) ▲
Germany	65 (1.9) ▲
Sweden	64 (2.6) ▲
Singapore	63 (1.5) ▲
Russian Federation	58 (2.5)
International Average	**57 (0.5)**
Croatia	55 (3.8)
Spain	55 (2.2)
Chinese Taipei	54 (2.1)
Israel	53 (2.3) ▼
Kazakhstan	50 (2.1) ▼
Saudi Arabia	46 (3.7) ▼
New Zealand	45 (2.3) ▼
Portugal	45 (2.3) ▼
United Arab Emirates	44 (1.2) ▼
Hungary	42 (2.7) ▼
Qatar	41 (2.2) ▼
Malta	38 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	66 (1.9) ▲
Dubai, UAE	59 (1.8)
Alberta, Canada	55 (3.1)
Quebec, Canada	55 (2.5)
British Columbia, Canada	49 (2.3) ▼
Newfoundland & Labrador, Can.	46 (3.0) ▼
Abu Dhabi, UAE	36 (2.0) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41I11 (Icelandic Horses): Give one characteristic of the horses
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hungary	38 (2.4) ▲	83 (2.2) ▲
Singapore	37 (1.5) ▲	72 (1.4) ▲
Russian Federation	33 (2.5) ▲	71 (2.7) ▲
Croatia	31 (3.4) ▲	70 (3.5) ▲
Sweden	27 (2.7) ▲	69 (2.7) ▲
Lithuania	25 (2.4) ▲	66 (2.4) ▲
Chinese Taipei	23 (2.5)	64 (2.5)
Israel	22 (2.2)	66 (2.3) ▲
Finland	21 (2.0)	71 (1.8) ▲
International Average	**20 (0.4)**	**61 (0.5)**
New Zealand	20 (2.0)	50 (2.3) ▼
United Arab Emirates	20 (1.0)	54 (1.1) ▼
Slovenia	18 (1.9)	67 (2.3) ▲
Slovak Republic	18 (2.3)	58 (3.5)
Qatar	18 (2.4)	56 (2.2) ▼
Malta	17 (3.0)	57 (3.7)
Italy	17 (1.8)	64 (2.4)
Norway (5)	17 (2.0)	61 (2.7)
Portugal	15 (1.5) ▼	54 (2.5) ▼
Czech Republic	14 (1.4) ▼	60 (2.7)
Saudi Arabia	14 (3.3)	57 (3.6)
Spain	14 (1.5) ▼	48 (1.8) ▼
Belgium (Flemish)	13 (2.3) ▼	49 (3.0) ▼
Denmark	12 (1.8) ▼	42 (2.3) ▼
Germany	9 (1.0) ▼	51 (2.6) ▼
Kazakhstan	9 (1.1) ▼	53 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	39 (1.9) ▲	76 (1.7) ▲
Dubai, UAE	30 (1.4) ▲	67 (1.4) ▲
Alberta, Canada	28 (2.5) ▲	58 (3.3)
Quebec, Canada	25 (2.0) ▲	77 (2.1) ▲
Newfoundland & Labrador, Can.	21 (3.0)	50 (3.6) ▼
British Columbia, Canada	21 (2.3)	55 (2.6) ▼
Abu Dhabi, UAE	12 (1.6) ▼	40 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I12 (Icelandic Horses): Why is there only one type of horse in Iceland
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	64 (1.5) ▲
Finland	62 (1.8) ▲
Lithuania	58 (2.3) ▲
Russian Federation	57 (2.1) ▲
Kazakhstan	55 (1.9) ▲
Slovak Republic	54 (3.8)
Sweden	53 (3.1)
Norway (5)	53 (2.5)
Slovenia	52 (2.9)
Portugal	52 (2.4)
Chinese Taipei	51 (2.3)
Italy	50 (2.2)
Denmark	50 (2.3)
Malta	50 (3.2)
International Average	**50 (0.5)**
New Zealand	48 (2.2)
Hungary	47 (2.5)
Spain	47 (2.3)
Germany	46 (2.0)
Czech Republic	46 (2.3)
Croatia	44 (2.7)
Israel	44 (2.3) ▼
United Arab Emirates	42 (1.2) ▼
Saudi Arabia	41 (4.3) ▼
Qatar	39 (3.0) ▼
Belgium (Flemish)	34 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (1.6) ▲
Quebec, Canada	59 (2.5) ▲
Dubai, UAE	55 (1.5) ▲
Alberta, Canada	50 (3.0)
Newfoundland & Labrador, Can.	47 (3.4)
British Columbia, Canada	45 (2.8)
Abu Dhabi, UAE	31 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I13 (Icelandic Horses): How do people use Icelandic horses in the present
Constructed Response (1 Point)

Country	Percent Full Credit
Italy	73 (1.8) ▲
Russian Federation	68 (2.6) ▲
Sweden	67 (2.5) ▲
Lithuania	67 (2.4) ▲
Finland	64 (2.2) ▲
Czech Republic	64 (1.9) ▲
Hungary	63 (3.0) ▲
Singapore	62 (1.6) ▲
Croatia	58 (2.9)
Chinese Taipei	57 (2.2)
Spain	56 (2.3)
Slovak Republic	54 (3.8)
Germany	54 (2.1)
International Average	**53 (0.5)**
Portugal	52 (2.1)
Norway (5)	50 (2.2)
Kazakhstan	47 (1.9) ▼
Denmark	46 (2.3) ▼
Qatar	46 (2.3) ▼
Israel	45 (2.6) ▼
United Arab Emirates	43 (1.2) ▼
Malta	40 (3.1) ▼
Saudi Arabia	40 (4.5) ▼
New Zealand	38 (2.4) ▼
Slovenia	37 (2.7) ▼
Belgium (Flemish)	36 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.6) ▲
Quebec, Canada	62 (2.5) ▲
Dubai, UAE	55 (1.7)
British Columbia, Canada	53 (2.7)
Alberta, Canada	45 (2.8) ▼
Abu Dhabi, UAE	31 (1.7) ▼
Newfoundland & Labrador, Can.	29 (2.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41I14 (Icelandic Horses): The writer has a good opinion of horses
Constructed Response (1 Point)

Country	Percent Full Credit
Kazakhstan	53 (1.8) ▲
Russian Federation	51 (2.5) ▲
Croatia	51 (3.3) ▲
Singapore	45 (1.8) ▲
Hungary	45 (2.6) ▲
Italy	44 (2.5) ▲
Israel	42 (2.4) ▲
Finland	38 (2.6)
Germany	38 (2.3)
Slovenia	36 (2.8)
New Zealand	35 (2.5)
International Average	**34 (0.5)**
Belgium (Flemish)	31 (2.9)
Qatar	30 (2.1)
Lithuania	30 (2.1)
Malta	29 (3.2)
United Arab Emirates	29 (1.0) ▼
Czech Republic	28 (2.5) ▼
Sweden	27 (2.6) ▼
Slovak Republic	26 (5.3)
Denmark	25 (2.3) ▼
Portugal	24 (2.0) ▼
Saudi Arabia	23 (3.7) ▼
Chinese Taipei	22 (2.1) ▼
Spain	20 (1.7) ▼
Norway (5)	15 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	53 (2.1) ▲
Dubai, UAE	42 (1.8) ▲
Quebec, Canada	32 (2.1)
Abu Dhabi, UAE	25 (1.6) ▼
British Columbia, Canada	24 (2.2) ▼
Newfoundland & Labrador, Can.	22 (3.0) ▼
Alberta, Canada	22 (2.3) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41I15 (Icelandic Horses): Lead to the development Icelandic horse
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	62 (1.5) ▲
Russian Federation	60 (3.0) ▲
Croatia	59 (3.8) ▲
Czech Republic	51 (2.9) ▲
Slovenia	50 (3.4) ▲
Slovak Republic	50 (3.2) ▲
Finland	50 (2.0) ▲
Norway (5)	49 (2.8) ▲
Israel	48 (2.4) ▲
Italy	46 (2.7)
Sweden	46 (3.0)
International Average	**43 (0.6)**
Portugal	43 (2.7)
Denmark	42 (2.9)
Lithuania	42 (3.3)
Chinese Taipei	40 (2.4)
Spain	40 (2.8)
Hungary	40 (3.2)
Belgium (Flemish)	39 (3.5)
United Arab Emirates	38 (1.2) ▼
New Zealand	34 (2.4) ▼
Germany	34 (2.2) ▼
Kazakhstan	33 (2.1) ▼
Qatar	32 (2.3) ▼
Malta	28 (2.7) ▼
Saudi Arabia	24 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.6) ▲
Newfoundland & Labrador, Can.	49 (3.4)
Dubai, UAE	47 (1.6) ▲
Quebec, Canada	44 (2.7)
British Columbia, Canada	44 (3.4)
Alberta, Canada	34 (2.9) ▼
Abu Dhabi, UAE	29 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N01 (The World's Bank for Seeds): Where is the steel building
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	97 (0.8) ▲
Russian Federation	91 (1.2) ▲
Croatia	90 (2.1) ▲
Norway (5)	90 (1.6) ▲
Singapore	88 (1.0) ▲
Lithuania	88 (1.6) ▲
Czech Republic	87 (1.3) ▲
Slovak Republic	85 (1.7) ▲
Denmark	84 (2.2)
Finland	83 (1.4)
Germany	82 (1.6)
Portugal	82 (1.9)
Spain	81 (1.8)
Qatar	81 (1.6)
Italy	81 (1.7)
International Average	**81 (0.4)**
Hungary	79 (2.2)
Kazakhstan	78 (1.5)
Sweden	75 (2.6) ▼
Belgium (Flemish)	74 (2.7) ▼
New Zealand	74 (2.0) ▼
Slovenia	74 (2.7) ▼
United Arab Emirates	73 (0.9) ▼
Israel	73 (2.1) ▼
Malta	72 (3.0) ▼
Saudi Arabia	57 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.0) ▲
Quebec, Canada	88 (2.0) ▲
Newfoundland & Labrador, Can.	84 (3.1)
Dubai, UAE	82 (1.1)
British Columbia, Canada	81 (2.4)
Alberta, Canada	79 (2.2)
Abu Dhabi, UAE	63 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02 (The World's Bank for Seeds): Good place to store riches of the world (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	52 (2.1) ▲	77 (1.8) ▲
Lithuania	50 (2.6) ▲	79 (2.1) ▲
Finland	49 (1.6) ▲	77 (1.5) ▲
Denmark	45 (2.5) ▲	69 (2.5) ▲
Sweden	42 (2.5) ▲	67 (2.4) ▲
Singapore	41 (1.3) ▲	77 (1.3) ▲
Hungary	41 (2.5) ▲	73 (2.8) ▲
Croatia	40 (3.5)	68 (2.9)
Norway (5)	37 (2.4)	66 (2.4)
Italy	37 (1.9)	68 (2.2) ▲
Portugal	37 (2.0)	67 (1.8) ▲
Germany	36 (2.0)	64 (1.9)
Czech Republic	36 (2.2)	69 (2.3) ▲
International Average	**34 (0.4)**	**63 (0.5)**
New Zealand	31 (2.1)	54 (2.0) ▼
Israel	31 (2.4)	63 (2.3)
Chinese Taipei	31 (2.2)	66 (2.0)
Spain	30 (1.6) ▼	63 (1.7)
Slovenia	28 (2.6) ▼	57 (2.9) ▼
Slovak Republic	26 (2.3) ▼	60 (2.5)
Malta	26 (2.5) ▼	53 (3.7) ▼
Belgium (Flemish)	24 (2.1) ▼	54 (2.8) ▼
United Arab Emirates	23 (1.1) ▼	51 (1.3) ▼
Kazakhstan	18 (1.5) ▼	44 (2.0) ▼
Qatar	16 (1.7) ▼	41 (2.4) ▼
Saudi Arabia	13 (2.8) ▼	41 (3.5) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (1.8) ▲	85 (1.3) ▲
Quebec, Canada	38 (2.4) ▲	70 (2.8) ▲
Alberta, Canada	33 (2.9)	59 (2.5)
Dubai, UAE	32 (1.2)	63 (1.6)
Newfoundland & Labrador, Can.	32 (3.3)	55 (3.1) ▼
British Columbia, Canada	28 (2.3) ▼	52 (2.6) ▼
Abu Dhabi, UAE	18 (1.9) ▼	45 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02A (The World's Bank for Seeds): Good place (in a remote area)
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	83 (1.5) ▲
Lithuania	81 (1.7) ▲
Croatia	79 (2.7) ▲
Russian Federation	75 (1.9) ▲
Czech Republic	72 (2.3) ▲
Hungary	72 (2.0) ▲
Italy	70 (2.2) ▲
Denmark	69 (2.1) ▲
Israel	68 (2.7)
Sweden	67 (2.2)
Norway (5)	63 (2.8)
International Average	**63 (0.5)**
Portugal	63 (1.9)
Slovak Republic	61 (2.7)
Singapore	61 (1.4)
Belgium (Flemish)	60 (2.4)
New Zealand	60 (1.9)
Chinese Taipei	59 (2.4)
Slovenia	57 (2.5) ▼
Germany	57 (1.9) ▼
Spain	55 (1.7) ▼
United Arab Emirates	54 (1.4) ▼
Saudi Arabia	50 (3.6) ▼
Malta	50 (3.1) ▼
Kazakhstan	46 (2.1) ▼
Qatar	41 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.5) ▲
Quebec, Canada	60 (2.1)
British Columbia, Canada	59 (3.0)
Dubai, UAE	56 (1.5) ▼
Newfoundland & Labrador, Can.	54 (3.6) ▼
Abu Dhabi, UAE	53 (2.5) ▼
Alberta, Canada	50 (2.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02B (The World's Bank for Seeds): Good place (has high-tech security system)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	93 (0.7) ▲
Hungary	89 (1.7) ▲
Chinese Taipei	89 (1.5) ▲
Lithuania	88 (1.8) ▲
Czech Republic	86 (1.4) ▲
Russian Federation	85 (1.7) ▲
Denmark	84 (1.5)
Slovak Republic	84 (2.2)
Slovenia	84 (1.9)
Portugal	83 (1.6)
Germany	83 (1.4)
Spain	82 (1.7)
International Average	**82 (0.4)**
Finland	82 (1.1)
Italy	81 (1.6)
Sweden	81 (2.3)
Croatia	80 (3.3)
Kazakhstan	80 (1.4)
Malta	79 (2.3)
Norway (5)	79 (2.2)
United Arab Emirates	79 (1.0) ▼
New Zealand	77 (2.0) ▼
Israel	77 (1.8) ▼
Saudi Arabia	74 (2.8) ▼
Qatar	74 (1.7) ▼
Belgium (Flemish)	71 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.1) ▲
Dubai, UAE	88 (0.9) ▲
Quebec, Canada	87 (1.5) ▲
Alberta, Canada	85 (2.1)
Newfoundland & Labrador, Can.	78 (2.3)
British Columbia, Canada	77 (2.4) ▼
Abu Dhabi, UAE	76 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02C (The World's Bank for Seeds): Good place (looks gray and mysterious)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	92 (1.3) ▲
Singapore	89 (0.9) ▲
Norway (5)	87 (1.6) ▲
Italy	86 (1.8) ▲
Israel	86 (1.3) ▲
Qatar	86 (1.6) ▲
New Zealand	84 (2.1)
Saudi Arabia	83 (2.9)
Sweden	83 (2.0)
Portugal	82 (1.5)
Malta	82 (1.9)
Spain	82 (1.5)
Denmark	82 (2.2)
Germany	81 (1.6)
International Average	**81 (0.4)**
Czech Republic	81 (1.6)
Kazakhstan	80 (1.4)
United Arab Emirates	79 (0.8)
Finland	79 (1.3)
Chinese Taipei	78 (1.6)
Lithuania	78 (2.2)
Slovak Republic	78 (2.3)
Hungary	78 (2.1)
Croatia	76 (2.8)
Belgium (Flemish)	68 (2.7) ▼
Slovenia	67 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (0.8) ▲
Quebec, Canada	91 (1.5) ▲
Newfoundland & Labrador, Can.	90 (1.9) ▲
Alberta, Canada	88 (1.8) ▲
Dubai, UAE	86 (1.1) ▲
British Columbia, Canada	86 (1.7) ▲
Abu Dhabi, UAE	74 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02D (The World's Bank for Seeds): Good place (people need permission to get in)
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	84 (1.4) ▲
Lithuania	83 (1.9) ▲
Singapore	80 (1.2) ▲
Denmark	79 (2.1) ▲
Sweden	79 (2.2) ▲
Hungary	78 (2.8) ▲
Russian Federation	77 (1.7) ▲
Germany	76 (2.0) ▲
Croatia	74 (2.8)
Chinese Taipei	74 (2.0) ▲
Norway (5)	74 (1.9) ▲
Slovenia	73 (1.7) ▲
Portugal	73 (2.2)
Belgium (Flemish)	72 (2.4)
Spain	72 (1.7)
Slovak Republic	70 (2.4)
International Average	**69 (0.4)**
Italy	68 (2.2)
Czech Republic	66 (1.8)
Malta	63 (3.1) ▼
New Zealand	59 (2.0) ▼
Israel	58 (2.3) ▼
United Arab Emirates	57 (1.3) ▼
Qatar	51 (2.1) ▼
Kazakhstan	51 (2.1) ▼
Saudi Arabia	45 (3.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (1.3) ▲
Quebec, Canada	76 (2.4) ▲
Newfoundland & Labrador, Can.	66 (3.3)
Dubai, UAE	66 (1.5) ▼
Alberta, Canada	64 (2.3) ▼
British Columbia, Canada	59 (2.6) ▼
Abu Dhabi, UAE	56 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N02E (The World's Bank for Seeds): Good place (people can see how big it is)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	92 (1.5) ▲
Lithuania	92 (1.0) ▲
Finland	92 (0.7) ▲
Singapore	91 (0.9) ▲
Denmark	90 (1.4) ▲
New Zealand	90 (1.4) ▲
Sweden	90 (1.6)
Chinese Taipei	90 (1.5)
Qatar	89 (1.2) ▲
Norway (5)	89 (1.6)
Germany	89 (1.3)
Czech Republic	88 (1.3)
Israel	88 (1.3)
Italy	88 (1.6)
Hungary	88 (1.9)
International Average	**87 (0.3)**
Malta	87 (2.1)
Croatia	87 (2.8)
Kazakhstan	85 (1.5)
Slovenia	84 (1.8)
Spain	84 (1.4) ▼
Belgium (Flemish)	83 (2.4)
Portugal	83 (1.8) ▼
United Arab Emirates	83 (0.7) ▼
Saudi Arabia	77 (3.1) ▼
Slovak Republic	74 (2.6) ▼
Benchmarking Participants	
Alberta, Canada	95 (0.9) ▲
Moscow City, Russian Fed.	94 (0.9) ▲
Quebec, Canada	90 (1.3) ▲
Dubai, UAE	90 (0.9) ▲
British Columbia, Canada	89 (1.5)
Newfoundland & Labrador, Can.	89 (1.7)
Abu Dhabi, UAE	76 (1.6) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51N03 (The World's Bank for Seeds): Writer waits to tell what was in the building
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	62 (1.5) ▲
Chinese Taipei	49 (2.5) ▲
New Zealand	45 (2.4) ▲
Norway (5)	45 (2.6) ▲
Denmark	43 (2.6) ▲
Lithuania	40 (2.5) ▲
Sweden	40 (2.3) ▲
Israel	39 (2.4)
United Arab Emirates	37 (1.2)
Russian Federation	36 (2.0)
Czech Republic	36 (2.1)
International Average	**36 (0.5)**
Finland	35 (1.9)
Croatia	35 (3.1)
Saudi Arabia	34 (4.0)
Malta	33 (3.0)
Slovak Republic	33 (2.6)
Slovenia	31 (2.7)
Germany	30 (1.7) ▼
Italy	30 (1.9) ▼
Spain	29 (1.8) ▼
Hungary	29 (2.3) ▼
Belgium (Flemish)	29 (2.9) ▼
Portugal	27 (2.2) ▼
Qatar	25 (1.7) ▼
Kazakhstan	15 (1.2) ▼
Benchmarking Participants	
Newfoundland & Labrador, Can.	51 (3.0) ▲
British Columbia, Canada	50 (3.0) ▲
Dubai, UAE	50 (1.5) ▲
Alberta, Canada	49 (2.9) ▲
Moscow City, Russian Fed.	40 (2.0) ▲
Abu Dhabi, UAE	36 (2.5)
Quebec, Canada	31 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N04 (The World's Bank for Seeds): Why do we need seeds to live
Constructed Response (1 Point)

Country	Percent Full Credit
Norway (5)	85 (1.6) ▲
Singapore	81 (1.3) ▲
Lithuania	78 (1.9) ▲
Malta	77 (2.6) ▲
Chinese Taipei	77 (1.9) ▲
Sweden	74 (2.7) ▲
Russian Federation	71 (2.1) ▲
Finland	69 (1.7) ▲
Croatia	69 (3.1)
New Zealand	69 (2.2)
Portugal	67 (2.5)
Denmark	66 (2.4)
Italy	66 (2.3)
International Average	**65 (0.5)**
Israel	64 (2.1)
United Arab Emirates	64 (1.0)
Spain	63 (2.2)
Belgium (Flemish)	62 (2.9)
Qatar	61 (2.4) ▼
Czech Republic	59 (2.0) ▼
Slovenia	58 (2.6) ▼
Hungary	57 (2.5) ▼
Kazakhstan	50 (2.2) ▼
Germany	50 (2.1) ▼
Slovak Republic	48 (2.9) ▼
Saudi Arabia	46 (3.6) ▼
Benchmarking Participants	
British Columbia, Canada	76 (2.3) ▲
Quebec, Canada	75 (2.3) ▲
Alberta, Canada	73 (2.7) ▲
Dubai, UAE	73 (1.3) ▲
Newfoundland & Labrador, Can.	72 (2.7) ▲
Moscow City, Russian Fed.	69 (1.9)
Abu Dhabi, UAE	52 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N05 (The World's Bank for Seeds): How farmers often get their seeds
Constructed Response (1 Point)

Country	Percent Full Credit
Czech Republic	62 (2.2) ▲
Russian Federation	60 (2.4) ▲
Singapore	55 (1.7) ▲
Chinese Taipei	50 (2.5) ▲
Sweden	45 (2.8) ▲
Qatar	42 (1.9) ▲
Italy	41 (2.4)
New Zealand	40 (2.0)
Lithuania	39 (2.4)
Finland	38 (1.5)
International Average	**37 (0.5)**
United Arab Emirates	35 (1.0) ▼
Croatia	34 (2.7)
Portugal	34 (2.3)
Malta	34 (3.3)
Denmark	34 (2.4)
Kazakhstan	34 (2.2)
Norway (5)	33 (2.3)
Saudi Arabia	33 (4.0)
Hungary	31 (2.4) ▼
Slovak Republic	30 (2.7) ▼
Germany	29 (1.8) ▼
Israel	29 (2.3) ▼
Spain	25 (1.8) ▼
Slovenia	25 (2.8) ▼
Belgium (Flemish)	16 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	64 (1.7) ▲
Quebec, Canada	58 (2.2) ▲
Dubai, UAE	46 (1.5) ▲
British Columbia, Canada	43 (2.6) ▲
Alberta, Canada	42 (2.7)
Newfoundland & Labrador, Can.	38 (4.0)
Abu Dhabi, UAE	27 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06 (The World's Bank for Seeds): Need safe seed banks (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	56 (1.5) ▲	81 (1.2) ▲
Russian Federation	53 (2.2) ▲	78 (1.8) ▲
Norway (5)	46 (2.4) ▲	69 (2.7) ▲
Chinese Taipei	45 (2.1) ▲	76 (1.8) ▲
Lithuania	45 (2.4) ▲	72 (2.1) ▲
Italy	41 (1.9) ▲	65 (2.2)
Croatia	41 (3.0)	61 (3.6)
Germany	41 (1.8) ▲	66 (1.8)
Denmark	41 (2.4)	69 (2.2) ▲
Slovak Republic	40 (2.7)	60 (2.6)
Czech Republic	39 (2.0)	66 (2.1)
Spain	38 (1.8)	63 (2.1)
Portugal	37 (2.2)	65 (1.9)
International Average	**37 (0.4)**	**62 (0.5)**
Sweden	37 (2.7)	62 (2.5)
Finland	37 (2.1)	67 (1.6) ▲
Malta	36 (3.1)	59 (4.0)
United Arab Emirates	35 (1.2)	56 (0.9) ▼
New Zealand	35 (1.9)	59 (2.2)
Israel	35 (2.3)	62 (2.1)
Belgium (Flemish)	32 (2.4) ▼	65 (2.7)
Hungary	30 (1.9) ▼	58 (2.6)
Slovenia	30 (2.6) ▼	52 (2.7) ▼
Qatar	26 (2.2) ▼	45 (1.9) ▼
Kazakhstan	21 (1.4) ▼	48 (1.8) ▼
Saudi Arabia	14 (2.7) ▼	31 (3.4) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	60 (1.6) ▲	86 (1.2) ▲
Dubai, UAE	48 (1.6) ▲	69 (1.2) ▲
Quebec, Canada	47 (2.0) ▲	72 (2.0) ▲
Newfoundland & Labrador, Can.	43 (3.0) ▲	61 (2.7)
British Columbia, Canada	43 (2.8) ▲	65 (2.7)
Alberta, Canada	38 (2.5)	60 (2.9)
Abu Dhabi, UAE	28 (2.4) ▼	47 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06A (The World's Bank for Seeds): Need safe seed banks (natural disasters)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	94 (0.7) ▲
Russian Federation	93 (1.4) ▲
Chinese Taipei	92 (1.3) ▲
Denmark	91 (1.4) ▲
Finland	90 (1.1) ▲
Italy	89 (1.4) ▲
Hungary	88 (1.5) ▲
Norway (5)	88 (1.8)
Portugal	87 (1.6)
Czech Republic	87 (1.4)
Germany	86 (1.4)
Lithuania	85 (1.6)
Croatia	85 (2.5)
Malta	85 (2.3)
International Average	**85 (0.4)**
Spain	84 (1.6)
New Zealand	84 (2.0)
Slovenia	81 (2.4)
Belgium (Flemish)	81 (2.3)
Sweden	80 (2.1) ▼
Slovak Republic	80 (2.1) ▼
Kazakhstan	80 (1.6) ▼
United Arab Emirates	80 (0.9) ▼
Israel	79 (1.7) ▼
Saudi Arabia	74 (3.3) ▼
Qatar	72 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.0) ▲
Quebec, Canada	93 (1.2) ▲
British Columbia, Canada	88 (1.8)
Dubai, UAE	87 (0.8) ▲
Newfoundland & Labrador, Can.	87 (1.5)
Alberta, Canada	86 (1.8)
Abu Dhabi, UAE	77 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06B (The World's Bank for Seeds): Need safe seed banks (destroyed by wars)
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	83 (1.2) ▲
Singapore	83 (1.1) ▲
Denmark	76 (1.9) ▲
Lithuania	76 (2.2) ▲
Chinese Taipei	76 (2.0) ▲
Croatia	75 (2.5) ▲
Russian Federation	73 (2.0) ▲
Hungary	73 (2.5) ▲
Sweden	72 (2.4) ▲
Norway (5)	72 (2.2) ▲
Germany	71 (1.7) ▲
Spain	70 (1.7)
Belgium (Flemish)	68 (2.8)
International Average	**67 (0.4)**
Czech Republic	67 (1.9)
Italy	66 (2.5)
Slovak Republic	64 (2.7)
Israel	63 (2.2)
New Zealand	63 (1.7) ▼
Portugal	62 (2.2) ▼
United Arab Emirates	62 (0.9) ▼
Malta	62 (3.9)
Slovenia	56 (2.4) ▼
Qatar	50 (1.9) ▼
Kazakhstan	49 (2.0) ▼
Saudi Arabia	45 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.2) ▲
Dubai, UAE	69 (1.2)
Quebec, Canada	69 (2.4)
Newfoundland & Labrador, Can.	68 (2.5)
British Columbia, Canada	65 (2.8)
Alberta, Canada	65 (2.8)
Abu Dhabi, UAE	57 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06C (The World's Bank for Seeds): Need safe seed banks (a place to buy seeds)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	86 (1.5) ▲
Singapore	84 (1.1) ▲
Spain	79 (1.7) ▲
Israel	78 (1.9) ▲
Sweden	78 (2.5) ▲
Norway (5)	78 (2.0) ▲
Czech Republic	78 (1.9) ▲
Kazakhstan	77 (1.4) ▲
Chinese Taipei	77 (1.8)
Italy	76 (1.6)
Portugal	75 (2.0)
Belgium (Flemish)	75 (2.3)
New Zealand	75 (2.1)
United Arab Emirates	74 (0.8)
Qatar	73 (2.0)
International Average	**73 (0.4)**
Lithuania	72 (2.3)
Finland	72 (1.5)
Slovak Republic	72 (2.3)
Germany	70 (2.2)
Malta	69 (2.6)
Slovenia	67 (2.1) ▼
Saudi Arabia	65 (3.5) ▼
Denmark	65 (2.2) ▼
Croatia	64 (3.8) ▼
Hungary	55 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.1) ▲
Quebec, Canada	82 (1.8) ▲
Dubai, UAE	81 (1.3) ▲
Newfoundland & Labrador, Can.	80 (2.3) ▲
British Columbia, Canada	77 (1.9)
Alberta, Canada	71 (2.7)
Abu Dhabi, UAE	68 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06D (The World's Bank for Seeds): Need safe seed banks (eaten by animals or insects)
Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	83 (1.7) ▲
Lithuania	81 (1.8) ▲
Singapore	77 (1.2) ▲
Norway (5)	76 (2.2) ▲
Russian Federation	75 (1.7) ▲
Denmark	73 (2.5) ▲
Portugal	73 (1.8) ▲
Germany	72 (1.8) ▲
Slovak Republic	71 (2.3) ▲
Croatia	71 (3.6)
Italy	69 (2.0)
Malta	67 (3.0)
Slovenia	67 (2.6)
Belgium (Flemish)	67 (2.9)
International Average	**67 (0.5)**
Sweden	66 (2.6)
New Zealand	65 (2.3)
Israel	64 (2.3)
United Arab Emirates	63 (1.4) ▼
Czech Republic	62 (2.0) ▼
Spain	61 (1.9) ▼
Hungary	59 (2.5) ▼
Finland	58 (2.1) ▼
Kazakhstan	51 (1.7) ▼
Qatar	49 (2.1) ▼
Saudi Arabia	42 (3.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	78 (1.5) ▲
Dubai, UAE	73 (1.4) ▲
Quebec, Canada	72 (2.4) ▲
British Columbia, Canada	71 (2.1) ▲
Alberta, Canada	66 (2.6)
Newfoundland & Labrador, Can.	64 (2.8)
Abu Dhabi, UAE	58 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N06E (The World's Bank for Seeds): Need safe seed banks (not enough jars and baskets)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	92 (1.3) ▲
Denmark	90 (1.4) ▲
Singapore	90 (0.8) ▲
Malta	89 (1.7) ▲
Lithuania	88 (1.6)
Finland	88 (1.0) ▲
Israel	88 (1.3)
Norway (5)	88 (1.6)
Czech Republic	87 (1.5)
Qatar	87 (1.1)
Croatia	87 (2.1)
Belgium (Flemish)	86 (1.7)
Germany	86 (1.5)
Hungary	86 (1.7)
Italy	86 (1.6)
International Average	**86 (0.3)**
Sweden	85 (1.8)
Spain	85 (1.3)
Kazakhstan	84 (1.6)
New Zealand	84 (1.7)
Portugal	83 (1.5)
Chinese Taipei	83 (1.5)
United Arab Emirates	82 (0.7) ▼
Slovenia	81 (2.1) ▼
Slovak Republic	80 (2.4) ▼
Saudi Arabia	78 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (0.8) ▲
Alberta, Canada	90 (1.7) ▲
British Columbia, Canada	90 (1.2) ▲
Quebec, Canada	89 (1.6) ▲
Dubai, UAE	86 (1.3)
Newfoundland & Labrador, Can.	85 (1.9)
Abu Dhabi, UAE	77 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N07 (The World's Bank for Seeds): Why there was a need for global plan
Multiple Choice (Key is A)

Country	Percent Full Credit
Slovenia	81 (2.2) ▲
Denmark	81 (1.9) ▲
Finland	80 (1.4) ▲
Czech Republic	78 (1.7) ▲
Croatia	77 (2.7) ▲
Lithuania	77 (1.9) ▲
Spain	76 (1.5) ▲
Russian Federation	75 (2.1) ▲
Italy	75 (2.3)
Norway (5)	75 (2.1) ▲
Slovak Republic	74 (2.0) ▲
Portugal	74 (2.6)
International Average	**70 (0.4)**
Germany	70 (1.9)
Hungary	70 (2.3)
Chinese Taipei	68 (2.1)
Singapore	67 (1.4) ▼
Belgium (Flemish)	67 (2.5)
Kazakhstan	66 (1.6) ▼
Sweden	66 (2.7)
Saudi Arabia	65 (3.3)
Malta	64 (2.9) ▼
Israel	62 (2.3) ▼
New Zealand	60 (1.9) ▼
Qatar	57 (2.1) ▼
United Arab Emirates	56 (1.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.7) ▲
Quebec, Canada	73 (1.9)
Newfoundland & Labrador, Can.	65 (3.6)
Dubai, UAE	61 (1.7) ▼
Alberta, Canada	60 (2.6) ▼
British Columbia, Canada	57 (2.4) ▼
Abu Dhabi, UAE	47 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N08 (The World's Bank for Seeds): What did countries agree on in 1996
Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	84 (1.5) ▲
Singapore	83 (1.2) ▲
Russian Federation	81 (1.6) ▲
Sweden	76 (2.1) ▲
Czech Republic	75 (1.5) ▲
Norway (5)	74 (2.3) ▲
Portugal	73 (2.1) ▲
Lithuania	73 (2.0) ▲
Croatia	73 (3.1)
Denmark	72 (2.2)
Italy	72 (2.1)
Slovak Republic	71 (2.4)
Malta	71 (2.4)
Finland	70 (1.3)
International Average	**69 (0.4)**
Israel	68 (2.1)
New Zealand	67 (2.2)
United Arab Emirates	67 (1.2) ▼
Qatar	65 (2.2)
Spain	65 (2.3) ▼
Slovenia	64 (2.7) ▼
Germany	61 (1.7) ▼
Hungary	60 (2.7) ▼
Kazakhstan	56 (1.8) ▼
Belgium (Flemish)	56 (2.5) ▼
Saudi Arabia	52 (4.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.5) ▲
Dubai, UAE	75 (1.2) ▲
Newfoundland & Labrador, Can.	70 (2.4)
British Columbia, Canada	69 (1.9)
Alberta, Canada	69 (2.8)
Quebec, Canada	66 (2.1)
Abu Dhabi, UAE	61 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N09 (The World's Bank for Seeds): Reasons built in Svalbard (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	53 (1.6) ▲	74 (1.6) ▲
Chinese Taipei	39 (2.2) ▲	60 (2.2) ▲
Russian Federation	38 (2.5) ▲	67 (2.5) ▲
Croatia	38 (3.0) ▲	63 (3.0) ▲
Lithuania	29 (2.6)	56 (2.9)
United Arab Emirates	27 (1.0)	48 (1.0) ▼
Malta	27 (3.8)	51 (3.6)
Hungary	26 (2.7)	51 (2.9)
International Average	**26 (0.5)**	**52 (0.5)**
Sweden	25 (2.2)	50 (2.6)
Portugal	24 (2.2)	50 (2.6)
Norway (5)	24 (2.2)	54 (2.5)
Italy	24 (2.0)	52 (2.5)
Czech Republic	24 (1.9)	50 (1.9)
Finland	24 (1.7)	62 (1.7) ▲
Slovak Republic	24 (2.4)	42 (3.0) ▼
Saudi Arabia	23 (4.2)	38 (4.1) ▼
Israel	23 (2.2)	53 (2.8)
Kazakhstan	22 (1.8) ▼	50 (2.0)
Qatar	21 (1.4) ▼	47 (2.3) ▼
Denmark	20 (1.8) ▼	49 (2.4)
New Zealand	19 (1.7) ▼	43 (2.1) ▼
Spain	18 (1.3) ▼	43 (1.8) ▼
Belgium (Flemish)	16 (2.1) ▼	42 (2.9) ▼
Slovenia	16 (2.2) ▼	47 (3.3)
Germany	16 (1.6) ▼	49 (2.6)
Benchmarking Participants		
Moscow City, Russian Fed.	45 (2.4) ▲	75 (1.7) ▲
Dubai, UAE	37 (1.3) ▲	59 (1.1) ▲
Quebec, Canada	33 (2.6) ▲	63 (2.2) ▲
Alberta, Canada	23 (2.2)	47 (2.5)
British Columbia, Canada	22 (2.8)	50 (2.7)
Newfoundland & Labrador, Can.	20 (2.5) ▼	51 (2.5)
Abu Dhabi, UAE	18 (1.4) ▼	36 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N09A (The World's Bank for Seeds): Reasons built in Svalbard (It is cold)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	66 (1.7) ▲
Russian Federation	61 (2.7) ▲
Croatia	58 (3.1) ▲
Finland	57 (1.7) ▲
Lithuania	51 (2.8) ▲
Chinese Taipei	50 (2.3) ▲
Italy	47 (2.6)
Portugal	47 (2.7)
Norway (5)	47 (2.4)
Israel	46 (2.6)
Czech Republic	45 (1.9)
Malta	45 (3.8)
International Average	**44 (0.5)**
Sweden	43 (2.9)
Hungary	42 (2.8)
Germany	41 (2.5)
Slovenia	41 (3.4)
United Arab Emirates	40 (1.1) ▼
Denmark	39 (2.5) ▼
Kazakhstan	38 (1.9) ▼
New Zealand	37 (2.1) ▼
Qatar	37 (2.3) ▼
Belgium (Flemish)	37 (3.1) ▼
Spain	35 (1.5) ▼
Slovak Republic	34 (2.7) ▼
Saudi Arabia	28 (4.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (1.9) ▲
Quebec, Canada	56 (2.4) ▲
Dubai, UAE	54 (1.1) ▲
British Columbia, Canada	43 (3.2)
Newfoundland & Labrador, Can.	41 (2.3)
Alberta, Canada	40 (2.4)
Abu Dhabi, UAE	29 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N09B (The World's Bank for Seeds): Reasons built in Svalbard (isolated)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	61 (1.5) ▲
Chinese Taipei	53 (2.4) ▲
Russian Federation	46 (2.6) ▲
Croatia	45 (3.3) ▲
Hungary	38 (3.0)
Lithuania	38 (3.2)
Saudi Arabia	37 (4.3)
United Arab Emirates	36 (1.0)
Sweden	36 (2.6)
Malta	36 (4.0)
International Average	**35 (0.5)**
Kazakhstan	35 (2.1)
Qatar	35 (1.8)
Slovak Republic	34 (3.0)
Norway (5)	33 (2.4)
Finland	32 (1.8)
Italy	32 (2.1)
Czech Republic	32 (2.2)
Denmark	31 (2.0) ▼
Israel	31 (2.4)
Portugal	30 (2.3) ▼
Spain	29 (1.6) ▼
New Zealand	28 (2.1) ▼
Germany	28 (2.0) ▼
Slovenia	25 (2.5) ▼
Belgium (Flemish)	25 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	52 (2.3) ▲
Dubai, UAE	44 (1.8) ▲
Quebec, Canada	41 (2.5) ▲
British Columbia, Canada	33 (2.3)
Newfoundland & Labrador, Can.	33 (2.7)
Alberta, Canada	32 (2.9)
Abu Dhabi, UAE	27 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N10 (The World's Bank for Seeds): Steps seeds go through (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	39 (1.6) ▲
Lithuania	38 (2.2) ▲
Finland	32 (1.7) ▲
Chinese Taipei	31 (2.1) ▲
Russian Federation	30 (2.8) ▲
Czech Republic	29 (1.9) ▲
Croatia	26 (3.1)
Slovak Republic	25 (2.3)
Malta	23 (2.9)
New Zealand	22 (1.9)
Slovenia	22 (2.5)
International Average	**21 (0.4)**
Denmark	21 (2.4)
Sweden	20 (2.3)
Italy	19 (2.1)
Qatar	18 (1.5) ▼
Germany	18 (1.3) ▼
United Arab Emirates	17 (0.7) ▼
Spain	17 (1.5) ▼
Hungary	15 (1.6) ▼
Belgium (Flemish)	15 (2.3) ▼
Israel	15 (1.7) ▼
Norway (5)	14 (1.7) ▼
Saudi Arabia	10 (2.6) ▼
Kazakhstan	10 (1.1) ▼
Portugal	9 (1.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	38 (2.2) ▲
Quebec, Canada	30 (2.8) ▲
Newfoundland & Labrador, Can.	26 (3.2)
Dubai, UAE	26 (1.7) ▲
Alberta, Canada	26 (2.9)
British Columbia, Canada	20 (1.6)
Abu Dhabi, UAE	13 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N10A (The World's Bank for Seeds): Steps seeds go through (labeled in main chamber)
Multiple Choice (Key is C)

Country	Percent Full Credit
Lithuania	51 (2.3) ▲
Singapore	49 (1.6) ▲
Czech Republic	47 (2.3) ▲
Finland	46 (1.8) ▲
Russian Federation	44 (3.5)
Croatia	43 (3.4)
Slovak Republic	41 (3.0)
Israel	39 (2.5)
Malta	38 (4.3)
Chinese Taipei	38 (2.3)
Qatar	38 (2.4)
Italy	38 (2.5)
International Average	**38 (0.5)**
Hungary	38 (2.3)
New Zealand	38 (2.4)
Belgium (Flemish)	37 (2.8)
Sweden	36 (2.9)
Germany	36 (2.0)
Denmark	34 (2.6)
Slovenia	33 (2.6)
Spain	33 (1.9) ▼
United Arab Emirates	33 (1.2) ▼
Norway (5)	32 (2.7) ▼
Kazakhstan	30 (1.4) ▼
Saudi Arabia	27 (3.7) ▼
Portugal	25 (1.7) ▼
Benchmarking Participants	
Quebec, Canada	50 (2.4) ▲
Moscow City, Russian Fed.	49 (2.4) ▲
Alberta, Canada	44 (3.7)
Dubai, UAE	43 (1.8) ▲
Newfoundland & Labrador, Can.	38 (3.7)
British Columbia, Canada	37 (2.1)
Abu Dhabi, UAE	28 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N10B (The World's Bank for Seeds): Steps seeds go through (through a security door)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	62 (1.4) ▲
Lithuania	60 (2.6) ▲
Finland	54 (1.7) ▲
Czech Republic	53 (2.2) ▲
Chinese Taipei	53 (2.2) ▲
New Zealand	51 (2.5) ▲
Croatia	50 (3.2)
Russian Federation	49 (2.7)
Malta	49 (2.8)
Slovak Republic	48 (2.7)
Qatar	47 (2.3)
Spain	47 (2.0)
Denmark	47 (2.4)
International Average	**45 (0.5)**
Slovenia	45 (3.6)
Germany	44 (1.9)
United Arab Emirates	43 (1.0)
Saudi Arabia	43 (3.6)
Italy	40 (2.2) ▼
Sweden	39 (2.9) ▼
Belgium (Flemish)	39 (2.8) ▼
Israel	39 (2.3) ▼
Kazakhstan	36 (2.0) ▼
Hungary	36 (2.4) ▼
Norway (5)	36 (2.5) ▼
Portugal	24 (1.7) ▼
Benchmarking Participants	
Newfoundland & Labrador, Can.	61 (3.3) ▲
Moscow City, Russian Fed.	59 (2.0) ▲
Alberta, Canada	59 (2.2) ▲
Quebec, Canada	57 (2.7) ▲
Dubai, UAE	52 (1.5) ▲
British Columbia, Canada	51 (2.8)
Abu Dhabi, UAE	40 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N10D (The World's Bank for Seeds): Steps seeds go through (Put in storage room)
Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	72 (2.4) ▲
Slovak Republic	68 (2.3) ▲
Czech Republic	66 (1.7) ▲
Singapore	66 (1.5) ▲
Finland	63 (1.7) ▲
Russian Federation	63 (2.5) ▲
Sweden	57 (2.9)
Chinese Taipei	56 (2.5)
Slovenia	54 (3.0)
Croatia	54 (3.3)
Hungary	53 (2.7)
Malta	53 (3.6)
International Average	**53 (0.5)**
Germany	52 (2.1)
New Zealand	52 (2.2)
Italy	51 (2.4)
Denmark	49 (2.6)
Spain	47 (1.9) ▼
Norway (5)	45 (2.5) ▼
Israel	45 (2.6) ▼
United Arab Emirates	45 (1.4) ▼
Portugal	44 (2.0) ▼
Qatar	44 (2.1) ▼
Kazakhstan	42 (1.6) ▼
Belgium (Flemish)	41 (3.1) ▼
Saudi Arabia	32 (3.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	68 (2.0) ▲
Alberta, Canada	60 (2.9) ▲
Newfoundland & Labrador, Can.	59 (2.8) ▲
British Columbia, Canada	57 (2.6)
Dubai, UAE	54 (2.5)
Quebec, Canada	53 (2.5)
Abu Dhabi, UAE	43 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N10E (The World's Bank for Seeds): Steps seeds go through (Travel through tunnel)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	50 (1.5) ▲
Lithuania	50 (2.6) ▲
Finland	48 (1.7) ▲
Chinese Taipei	46 (2.2) ▲
Russian Federation	44 (2.2) ▲
Slovenia	44 (3.1) ▲
Czech Republic	43 (2.5) ▲
Croatia	40 (3.2)
Denmark	39 (2.5)
Malta	38 (2.8)
Qatar	37 (2.0)
International Average	**37 (0.5)**
Italy	37 (2.3)
Germany	36 (1.9)
New Zealand	36 (2.1)
Slovak Republic	35 (2.4)
Sweden	33 (2.5)
Norway (5)	32 (2.5) ▼
United Arab Emirates	31 (0.9) ▼
Belgium (Flemish)	31 (2.6) ▼
Spain	30 (1.8) ▼
Hungary	30 (2.4) ▼
Israel	29 (2.2) ▼
Portugal	27 (2.2) ▼
Saudi Arabia	27 (4.0) ▼
Kazakhstan	25 (1.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	51 (2.2) ▲
Quebec, Canada	44 (2.7) ▲
Newfoundland & Labrador, Can.	42 (3.5)
Dubai, UAE	37 (1.5)
Alberta, Canada	37 (2.8)
British Columbia, Canada	34 (2.2)
Abu Dhabi, UAE	30 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N11 (The World's Bank for Seeds): What the diagram helps you understand
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	68 (2.3) ▲
Sweden	59 (3.0) ▲
Finland	59 (1.9) ▲
Czech Republic	59 (2.3) ▲
Lithuania	57 (2.2) ▲
Singapore	56 (1.8) ▲
Italy	55 (2.3) ▲
Germany	54 (2.6) ▲
Norway (5)	52 (3.0) ▲
Croatia	51 (3.7) ▲
New Zealand	48 (2.3) ▲
Hungary	45 (2.7)
Denmark	45 (3.0)
International Average	**42 (0.5)**
Slovenia	41 (3.4)
Israel	40 (2.7)
United Arab Emirates	40 (1.2) ▼
Spain	32 (2.2) ▼
Malta	31 (3.7) ▼
Qatar	29 (2.2) ▼
Belgium (Flemish)	27 (2.7) ▼
Portugal	27 (2.2) ▼
Chinese Taipei	26 (1.9) ▼
Slovak Republic	22 (2.5) ▼
Kazakhstan	22 (1.4) ▼
Saudi Arabia	13 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.9) ▲
Dubai, UAE	57 (1.7) ▲
Newfoundland & Labrador, Can.	56 (3.0) ▲
Alberta, Canada	52 (3.4) ▲
British Columbia, Canada	52 (2.4) ▲
Quebec, Canada	43 (2.6)
Abu Dhabi, UAE	33 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N12 (The World's Bank for Seeds): One other thing about seed bank keep seeds safe
Constructed Response (1 Point)

Country	Percent Full Credit
Czech Republic	52 (2.2) ▲
Russian Federation	46 (2.2) ▲
Singapore	46 (1.4) ▲
Finland	45 (1.7) ▲
Lithuania	41 (2.2) ▲
Portugal	41 (2.2) ▲
Hungary	40 (2.6) ▲
Norway (5)	39 (2.6) ▲
New Zealand	38 (2.1) ▲
Denmark	38 (2.6)
Croatia	36 (3.4)
Italy	36 (2.2)
Israel	34 (2.6)
International Average	**34 (0.5)**
Slovak Republic	33 (3.0)
Spain	31 (1.8)
Germany	30 (2.3)
Malta	30 (2.4)
Sweden	29 (2.3) ▼
United Arab Emirates	27 (1.0) ▼
Chinese Taipei	24 (2.2) ▼
Saudi Arabia	24 (3.9) ▼
Slovenia	24 (2.4) ▼
Qatar	23 (1.8) ▼
Belgium (Flemish)	21 (2.2) ▼
Kazakhstan	17 (1.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	48 (2.3) ▲
Newfoundland & Labrador, Can.	45 (1.9) ▲
British Columbia, Canada	45 (2.8) ▲
Alberta, Canada	39 (3.3)
Quebec, Canada	37 (2.2)
Dubai, UAE	35 (1.5)
Abu Dhabi, UAE	23 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N13 (The World's Bank for Seeds): Simple seed bank compared to global bank (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	68 (1.4) ▲	87 (1.2) ▲
Russian Federation	60 (2.3) ▲	88 (1.4) ▲
Chinese Taipei	59 (2.4) ▲	88 (1.6) ▲
Germany	58 (2.1) ▲	87 (1.5) ▲
Finland	54 (1.5) ▲	84 (1.0) ▲
Denmark	53 (2.8) ▲	83 (1.8) ▲
Italy	52 (2.3) ▲	82 (1.9) ▲
Czech Republic	51 (2.1) ▲	84 (1.8) ▲
Norway (5)	49 (3.1)	79 (2.4)
Sweden	49 (3.1)	75 (2.7)
Portugal	47 (2.5)	80 (1.9) ▲
Hungary	46 (3.0)	76 (2.8)
Slovenia	45 (3.3)	76 (2.9)
International Average	**45 (0.5)**	**75 (0.5)**
Slovak Republic	45 (3.0)	77 (2.3)
Croatia	44 (4.0)	79 (3.2)
United Arab Emirates	43 (1.1) ▼	64 (1.1) ▼
Malta	42 (4.0)	68 (3.4) ▼
Lithuania	41 (2.4)	79 (2.2)
New Zealand	41 (2.2)	72 (2.4)
Belgium (Flemish)	41 (3.6)	68 (2.7) ▼
Israel	37 (2.4) ▼	68 (2.3) ▼
Spain	31 (2.0) ▼	64 (2.0) ▼
Qatar	28 (2.0) ▼	60 (2.7) ▼
Kazakhstan	26 (1.6) ▼	58 (2.3) ▼
Saudi Arabia	22 (3.8) ▼	49 (4.4) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	71 (1.9) ▲	94 (1.1) ▲
Dubai, UAE	56 (1.6) ▲	80 (1.3) ▲
Newfoundland & Labrador, Can.	48 (2.9)	80 (3.5)
British Columbia, Canada	47 (2.8)	79 (2.7)
Alberta, Canada	44 (3.8)	76 (3.0)
Quebec, Canada	44 (2.5)	79 (2.2)
Abu Dhabi, UAE	36 (2.2) ▼	53 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N13A (The World's Bank for Seeds): Simple and Global (disadvantage of simple banks)
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	81 (2.0) ▲
Germany	79 (1.9) ▲
Russian Federation	77 (2.0) ▲
Singapore	77 (1.4) ▲
Czech Republic	73 (2.2) ▲
Lithuania	72 (2.1) ▲
Slovak Republic	72 (2.4) ▲
Norway (5)	70 (2.7) ▲
Finland	68 (1.5) ▲
Italy	67 (2.5)
Denmark	66 (2.3)
Hungary	66 (2.8)
Portugal	65 (2.6)
Slovenia	64 (2.9)
International Average	**62 (0.5)**
Sweden	59 (3.3)
Croatia	58 (3.8)
New Zealand	55 (2.6) ▼
United Arab Emirates	54 (1.0) ▼
Malta	54 (3.6) ▼
Belgium (Flemish)	53 (3.6) ▼
Spain	51 (2.0) ▼
Israel	51 (2.5) ▼
Kazakhstan	45 (2.0) ▼
Qatar	44 (2.9) ▼
Saudi Arabia	35 (4.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.6) ▲
Dubai, UAE	70 (1.5) ▲
British Columbia, Canada	66 (2.8)
Newfoundland & Labrador, Can.	61 (3.5)
Quebec, Canada	60 (2.4)
Alberta, Canada	60 (3.8)
Abu Dhabi, UAE	45 (2.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N13B (The World's Bank for Seeds): Simple and Global (advantage of global bank)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	79 (1.3) ▲
Finland	75 (1.4) ▲
Russian Federation	75 (1.8) ▲
Germany	75 (2.4) ▲
Italy	74 (2.3) ▲
Denmark	74 (2.5) ▲
Czech Republic	73 (1.9) ▲
Chinese Taipei	72 (2.3) ▲
Croatia	72 (3.4) ▲
Sweden	69 (2.6) ▲
Portugal	66 (2.4)
Slovenia	65 (3.6)
Norway (5)	64 (2.9)
International Average	**63 (0.5)**
Malta	62 (4.4)
New Zealand	62 (2.3)
Hungary	61 (3.1)
Belgium (Flemish)	60 (3.2)
Israel	56 (2.6) ▼
Lithuania	56 (2.6) ▼
Slovak Republic	56 (3.1) ▼
United Arab Emirates	56 (1.2) ▼
Spain	52 (2.2) ▼
Qatar	47 (2.5) ▼
Kazakhstan	42 (2.2) ▼
Saudi Arabia	42 (4.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.5) ▲
Newfoundland & Labrador, Can.	73 (3.0) ▲
Dubai, UAE	69 (1.5) ▲
Quebec, Canada	67 (2.9)
Alberta, Canada	64 (3.5)
British Columbia, Canada	63 (2.9)
Abu Dhabi, UAE	46 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N14 (The World's Bank for Seeds): Why is the bank trying to store every unique seed
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	51 (2.2) ▲
Singapore	48 (1.7) ▲
Czech Republic	45 (2.1) ▲
Hungary	43 (2.9) ▲
Russian Federation	42 (2.5) ▲
Lithuania	40 (2.7) ▲
Germany	37 (2.3)
Italy	37 (2.7)
Malta	36 (4.0)
Croatia	36 (3.4)
Denmark	36 (2.2)
Slovak Republic	34 (2.7)
International Average	**33 (0.5)**
Portugal	31 (2.3)
Sweden	31 (2.5)
Norway (5)	30 (2.2)
United Arab Emirates	29 (1.4) ▼
New Zealand	29 (2.3)
Spain	29 (1.9) ▼
Chinese Taipei	28 (2.3) ▼
Israel	28 (2.1) ▼
Kazakhstan	24 (1.7) ▼
Saudi Arabia	24 (4.4) ▼
Slovenia	24 (2.9) ▼
Qatar	21 (2.4) ▼
Belgium (Flemish)	12 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	45 (2.2) ▲
Quebec, Canada	44 (2.4) ▲
Dubai, UAE	36 (1.7)
Newfoundland & Labrador, Can.	35 (3.6)
British Columbia, Canada	35 (2.4)
Alberta, Canada	31 (2.8)
Abu Dhabi, UAE	24 (2.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51N15 (The World's Bank for Seeds): What does the example of Syria help reader
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	42 (1.9) ▲
Singapore	35 (1.3) ▲
Hungary	34 (2.8) ▲
Russian Federation	33 (1.9) ▲
Croatia	31 (3.5) ▲
Sweden	30 (3.0) ▲
Denmark	30 (2.8) ▲
Czech Republic	29 (2.5) ▲
New Zealand	28 (2.1) ▲
Portugal	27 (2.4)
Germany	25 (2.5)
Slovak Republic	25 (2.6)
United Arab Emirates	24 (1.2)
Qatar	23 (2.2)
International Average	**22 (0.5)**
Norway (5)	20 (2.3)
Lithuania	18 (2.0) ▼
Spain	15 (1.4) ▼
Malta	15 (2.6) ▼
Saudi Arabia	14 (3.1) ▼
Italy	14 (2.0) ▼
Israel	14 (1.8) ▼
Chinese Taipei	14 (2.1) ▼
Kazakhstan	11 (1.3) ▼
Belgium (Flemish)	9 (2.0) ▼
Slovenia	3 (0.9) ▼
Benchmarking Participants	
Dubai, UAE	31 (1.9) ▲
Moscow City, Russian Fed.	21 (1.5)
Abu Dhabi, UAE	20 (1.8)
Alberta, Canada	19 (2.3)
Newfoundland & Labrador, Can.	19 (2.4)
British Columbia, Canada	18 (2.5)
Quebec, Canada	15 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K01 (Sharks): Two things about a shark's teeth
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	86 (1.1) ▲	96 (0.5) ▲
Norway (5)	77 (2.2) ▲	98 (0.6) ▲
Russian Federation	76 (2.5) ▲	95 (1.1) ▲
Finland	76 (1.8) ▲	95 (0.9) ▲
Croatia	73 (3.4) ▲	95 (1.8) ▲
Sweden	73 (2.5) ▲	94 (1.3) ▲
Portugal	73 (2.2) ▲	94 (0.9) ▲
Denmark	72 (2.1) ▲	93 (1.1) ▲
Hungary	70 (2.4) ▲	98 (0.7) ▲
Slovenia	66 (2.5)	90 (1.7)
Lithuania	65 (2.5)	92 (1.2)
Chinese Taipei	65 (2.2)	88 (1.4)
Italy	64 (2.0)	94 (1.1) ▲
International Average	**64 (0.5)**	**90 (0.3)**
New Zealand	63 (2.2)	90 (1.3)
Czech Republic	63 (2.3)	89 (1.7)
Belgium (Flemish)	61 (3.0)	86 (2.0) ▼
Israel	60 (2.4)	86 (1.9) ▼
United Arab Emirates	58 (0.9) ▼	82 (0.8) ▼
Malta	57 (3.3) ▼	85 (2.2) ▼
Germany	57 (1.9) ▼	87 (1.5) ▼
Slovak Republic	57 (3.0) ▼	89 (1.4)
Qatar	52 (2.2) ▼	86 (1.2) ▼
Kazakhstan	49 (2.3) ▼	84 (1.5) ▼
Spain	48 (2.0) ▼	85 (1.6) ▼
Saudi Arabia	43 (2.8) ▼	79 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	87 (1.4) ▲	98 (0.6) ▲
Dubai, UAE	71 (1.3) ▲	92 (0.6) ▲
Quebec, Canada	71 (2.2) ▲	95 (0.7) ▲
Newfoundland & Labrador, Can.	70 (3.2)	94 (1.7) ▲
Alberta, Canada	67 (2.3)	95 (1.3) ▲
British Columbia, Canada	62 (2.8)	94 (1.5) ▲
Abu Dhabi, UAE	51 (1.7) ▼	74 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K02 (Sharks): Three kinds of animals sharks eat
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	91 (1.5) ▲
Norway (5)	85 (1.8) ▲
Denmark	84 (1.5) ▲
Singapore	82 (1.2) ▲
Russian Federation	79 (3.0) ▲
New Zealand	74 (2.2) ▲
Sweden	74 (2.5) ▲
Slovenia	73 (2.4)
Italy	71 (2.0)
Belgium (Flemish)	71 (2.5)
Lithuania	70 (2.1)
Portugal	70 (2.1)
Germany	69 (2.1)
International Average	**69 (0.5)**
Czech Republic	68 (1.7)
Croatia	68 (3.4)
Slovak Republic	64 (2.3)
Finland	63 (1.8) ▼
Malta	63 (2.8) ▼
Hungary	62 (2.5) ▼
Israel	61 (2.2) ▼
Kazakhstan	58 (2.0) ▼
United Arab Emirates	58 (1.2) ▼
Qatar	57 (2.4) ▼
Spain	56 (1.6) ▼
Saudi Arabia	45 (3.6) ▼
Benchmarking Participants	
Quebec, Canada	86 (1.6) ▲
British Columbia, Canada	81 (2.1) ▲
Moscow City, Russian Fed.	79 (1.6) ▲
Newfoundland & Labrador, Can.	79 (2.4) ▲
Alberta, Canada	77 (2.3) ▲
Dubai, UAE	74 (1.3) ▲
Abu Dhabi, UAE	47 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K03 (Sharks): Why tiger shark called garbage-can
Multiple Choice (Key is C)

Country	Percent Full Credit
Finland	78 (1.6) ▲
Germany	76 (1.6) ▲
Lithuania	73 (2.2) ▲
Portugal	72 (2.0) ▲
Italy	72 (2.0) ▲
Norway (5)	71 (2.2) ▲
Singapore	71 (1.8) ▲
New Zealand	71 (2.0) ▲
Denmark	70 (2.2) ▲
Sweden	69 (2.6) ▲
Kazakhstan	69 (2.0) ▲
Belgium (Flemish)	69 (2.6) ▲
Russian Federation	68 (2.8)
Spain	66 (1.7)
Slovenia	65 (2.6)
International Average	**64 (0.5)**
Hungary	63 (2.7)
Croatia	61 (3.3)
Israel	59 (2.2)
Malta	59 (3.1)
Chinese Taipei	58 (2.3) ▼
Czech Republic	54 (2.0) ▼
Slovak Republic	51 (3.3) ▼
United Arab Emirates	51 (1.1) ▼
Qatar	41 (1.9) ▼
Saudi Arabia	31 (2.6) ▼
Benchmarking Participants	
Quebec, Canada	84 (1.8) ▲
Moscow City, Russian Fed.	83 (1.8) ▲
Newfoundland & Labrador, Can.	68 (3.5)
British Columbia, Canada	67 (2.4)
Dubai, UAE	65 (1.8)
Alberta, Canada	63 (3.0)
Abu Dhabi, UAE	44 (1.2) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE21K04 (Sharks): Sense used to first to find prey
Multiple Choice (Key is D)

Country	Percent Full Credit
Denmark	71 (2.4) ▲
Singapore	69 (1.4) ▲
Czech Republic	68 (1.8) ▲
New Zealand	67 (2.0) ▲
Croatia	65 (3.0) ▲
Lithuania	65 (2.8) ▲
Sweden	64 (2.3) ▲
Chinese Taipei	63 (2.1) ▲
Slovenia	63 (2.5) ▲
Norway (5)	63 (2.3) ▲
Malta	62 (2.5)
Kazakhstan	60 (1.8)
International Average	**58 (0.5)**
Russian Federation	57 (2.7)
Israel	56 (2.3)
Slovak Republic	54 (2.5)
Qatar	53 (1.9) ▼
Finland	53 (2.7)
United Arab Emirates	53 (0.9) ▼
Italy	53 (2.3) ▼
Germany	50 (2.1) ▼
Spain	50 (2.1) ▼
Hungary	50 (3.1) ▼
Belgium (Flemish)	46 (2.8) ▼
Saudi Arabia	45 (2.9) ▼
Portugal	43 (2.1) ▼
Benchmarking Participants	
British Columbia, Canada	71 (1.9) ▲
Moscow City, Russian Fed.	65 (2.0) ▲
Newfoundland & Labrador, Can.	65 (2.1) ▲
Alberta, Canada	65 (3.1) ▲
Dubai, UAE	64 (1.3) ▲
Quebec, Canada	53 (2.5) ▼
Abu Dhabi, UAE	47 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K05 (Sharks): Why eyes glow in the dark
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	68 (2.6) ▲
Lithuania	65 (2.7) ▲
Singapore	63 (1.6) ▲
Chinese Taipei	62 (2.3) ▲
Hungary	60 (2.9) ▲
Czech Republic	58 (2.2) ▲
Portugal	55 (2.5) ▲
Finland	55 (2.0) ▲
Sweden	55 (2.7) ▲
Italy	51 (2.1) ▲
Denmark	50 (2.7)
Norway (5)	49 (2.6)
International Average	**45 (0.5)**
Spain	44 (2.7)
Israel	42 (2.4)
Germany	41 (2.0) ▼
Slovenia	40 (2.7)
Malta	36 (3.5) ▼
New Zealand	36 (2.1) ▼
United Arab Emirates	35 (0.9) ▼
Qatar	33 (2.1) ▼
Belgium (Flemish)	30 (2.7) ▼
Kazakhstan	29 (2.2) ▼
Slovak Republic	29 (2.6) ▼
Croatia	24 (2.3) ▼
Saudi Arabia	19 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	75 (1.8) ▲
Quebec, Canada	53 (2.6) ▲
Alberta, Canada	52 (2.8) ▲
Dubai, UAE	52 (1.6) ▲
British Columbia, Canada	49 (2.3)
Newfoundland & Labrador, Can.	44 (3.6)
Abu Dhabi, UAE	29 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K06 (Sharks): Why sharks give a test bite
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	72 (3.1) ▲
Singapore	72 (1.9) ▲
Denmark	66 (2.4) ▲
Sweden	66 (2.4) ▲
Slovenia	64 (2.8) ▲
Croatia	64 (3.4) ▲
Italy	62 (1.9) ▲
Chinese Taipei	61 (2.8) ▲
Norway (5)	60 (2.6) ▲
New Zealand	57 (2.2)
Finland	56 (2.4)
Belgium (Flemish)	56 (2.4)
Czech Republic	55 (2.1)
Lithuania	55 (2.8)
International Average	**55 (0.5)**
Germany	54 (2.2)
Israel	54 (2.3)
Qatar	50 (1.9) ▼
United Arab Emirates	49 (1.0) ▼
Hungary	49 (2.2) ▼
Slovak Republic	47 (3.2) ▼
Malta	45 (3.8) ▼
Spain	45 (2.0) ▼
Portugal	45 (2.0) ▼
Saudi Arabia	40 (2.8) ▼
Kazakhstan	33 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.6) ▲
Dubai, UAE	61 (1.7) ▲
British Columbia, Canada	61 (2.6) ▲
Quebec, Canada	60 (2.4) ▲
Newfoundland & Labrador, Can.	60 (3.4)
Alberta, Canada	51 (2.4)
Abu Dhabi, UAE	45 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K07 (Sharks): Shark's senses of touch and hearing
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	56 (1.6) ▲	75 (1.3) ▲
Lithuania	53 (2.3) ▲	70 (2.0) ▲
Chinese Taipei	50 (2.5) ▲	68 (2.7) ▲
Croatia	50 (2.6) ▲	75 (3.2) ▲
Russian Federation	48 (3.2) ▲	72 (2.7) ▲
Hungary	47 (2.6) ▲	73 (2.4) ▲
Finland	45 (2.5) ▲	77 (1.8) ▲
Denmark	43 (2.5) ▲	65 (2.5)
Czech Republic	43 (2.4) ▲	68 (2.2) ▲
Sweden	42 (2.9)	64 (2.9)
Slovenia	38 (2.6)	67 (2.9)
Italy	38 (2.1)	67 (2.2)
Slovak Republic	37 (2.9)	58 (3.0)
International Average	**37 (0.5)**	**63 (0.5)**
New Zealand	34 (2.4)	62 (2.4)
Spain	33 (2.2)	63 (3.0)
Norway (5)	32 (2.1) ▼	63 (2.8)
Portugal	32 (2.2) ▼	66 (2.3)
Israel	32 (2.3) ▼	68 (2.5)
United Arab Emirates	28 (1.0) ▼	51 (1.0) ▼
Malta	28 (3.0) ▼	51 (3.6) ▼
Germany	25 (2.3) ▼	49 (2.2) ▼
Qatar	25 (1.4) ▼	51 (2.2) ▼
Belgium (Flemish)	21 (2.8) ▼	56 (3.1) ▼
Kazakhstan	20 (1.5) ▼	51 (2.1) ▼
Saudi Arabia	17 (1.9) ▼	44 (2.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	56 (2.3) ▲	79 (2.0) ▲
Dubai, UAE	42 (1.8) ▲	67 (1.8) ▲
Newfoundland & Labrador, Can.	39 (3.3)	62 (4.4)
Quebec, Canada	37 (2.3)	68 (1.9) ▲
Alberta, Canada	35 (3.1)	62 (2.8)
British Columbia, Canada	34 (2.7)	58 (2.9)
Abu Dhabi, UAE	25 (1.4) ▼	43 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K08 (Sharks): Sense used to detect prey
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	63 (1.9) ▲
Chinese Taipei	61 (2.4) ▲
Hungary	59 (2.7) ▲
Czech Republic	53 (2.0) ▲
Croatia	52 (2.8) ▲
Denmark	51 (2.5) ▲
Spain	48 (2.7)
Italy	46 (2.3)
International Average	**45 (0.5)**
Lithuania	45 (2.4)
Israel	45 (2.4)
New Zealand	44 (2.0)
United Arab Emirates	44 (1.0)
Norway (5)	44 (2.9)
Sweden	43 (2.7)
Finland	42 (2.4)
Slovak Republic	42 (2.7)
Slovenia	41 (3.0)
Portugal	41 (2.1) ▼
Malta	40 (2.6)
Saudi Arabia	40 (3.8)
Belgium (Flemish)	38 (2.6) ▼
Kazakhstan	38 (1.9) ▼
Qatar	36 (2.0) ▼
Russian Federation	35 (2.7) ▼
Germany	34 (2.3) ▼
Benchmarking Participants	
Dubai, UAE	54 (1.6) ▲
Moscow City, Russian Fed.	50 (2.2) ▲
Alberta, Canada	49 (3.8)
British Columbia, Canada	48 (2.2)
Quebec, Canada	46 (2.3)
Newfoundland & Labrador, Can.	42 (3.1)
Abu Dhabi, UAE	39 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K09 (Sharks): How diagram explains good hunters
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	83 (1.2) ▲
Chinese Taipei	78 (1.9) ▲
Sweden	75 (2.1) ▲
Denmark	72 (2.2) ▲
Hungary	71 (2.0) ▲
Norway (5)	71 (2.4) ▲
New Zealand	71 (2.0) ▲
Portugal	69 (2.2)
Czech Republic	69 (1.9) ▲
Malta	68 (2.9)
Finland	66 (2.0)
Russian Federation	66 (3.3)
Croatia	66 (3.4)
International Average	**65 (0.5)**
Italy	65 (2.1)
Lithuania	64 (2.3)
United Arab Emirates	63 (0.9) ▼
Slovak Republic	63 (2.9)
Germany	62 (2.3)
Israel	62 (2.5)
Qatar	62 (2.2)
Belgium (Flemish)	59 (2.6) ▼
Spain	57 (2.2) ▼
Kazakhstan	55 (2.2) ▼
Slovenia	52 (2.6) ▼
Saudi Arabia	41 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	81 (1.6) ▲
Dubai, UAE	77 (1.3) ▲
Alberta, Canada	72 (2.3) ▲
British Columbia, Canada	69 (2.4)
Newfoundland & Labrador, Can.	66 (3.2)
Quebec, Canada	66 (2.5)
Abu Dhabi, UAE	58 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K10 (Sharks): Order of senses when hunting
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Sweden	35 (3.0) ▲	54 (3.0) ▲
Singapore	30 (1.7) ▲	38 (1.9)
Croatia	29 (4.3) ▲	51 (4.1) ▲
Finland	26 (1.9) ▲	55 (2.5) ▲
Russian Federation	23 (2.2) ▲	56 (2.9) ▲
Spain	21 (1.6) ▲	47 (3.4)
Czech Republic	20 (2.1) ▲	54 (2.7) ▲
Lithuania	16 (1.4)	41 (2.8)
International Average	**16 (0.4)**	**41 (0.5)**
Slovenia	15 (1.9)	54 (3.3) ▲
United Arab Emirates	15 (0.7)	27 (1.0) ▼
Portugal	15 (1.6)	29 (2.1) ▼
Denmark	14 (1.7)	57 (2.7) ▲
New Zealand	14 (1.5)	41 (2.5)
Italy	13 (2.0)	36 (2.5) ▼
Israel	13 (1.8)	31 (3.0) ▼
Belgium (Flemish)	13 (1.9)	44 (2.8)
Malta	13 (1.6) ▼	26 (2.4) ▼
Hungary	12 (1.9)	52 (2.6) ▲
Germany	11 (1.3) ▼	54 (2.6) ▲
Qatar	11 (1.5) ▼	25 (1.8) ▼
Slovak Republic	9 (1.5) ▼	35 (2.6) ▼
Chinese Taipei	9 (1.6) ▼	38 (2.4)
Saudi Arabia	8 (2.3) ▼	26 (3.0) ▼
Norway (5)	8 (1.4) ▼	44 (2.6)
Kazakhstan	7 (0.8) ▼	18 (1.5) ▼
Benchmarking Participants		
Dubai, UAE	27 (1.5) ▲	42 (1.6)
Moscow City, Russian Fed.	22 (1.9) ▲	59 (2.2) ▲
Quebec, Canada	19 (2.4)	44 (2.9)
Alberta, Canada	19 (2.6)	39 (3.1)
Newfoundland & Labrador, Can.	18 (2.1)	35 (2.9) ▼
British Columbia, Canada	15 (2.0)	43 (2.8)
Abu Dhabi, UAE	11 (0.9) ▼	20 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE21K11 (Sharks): Sharks with huge mouths
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	73 (2.8) ▲
Chinese Taipei	68 (1.7) ▲
Denmark	66 (2.3) ▲
Czech Republic	63 (2.0) ▲
Lithuania	62 (2.2) ▲
Germany	61 (2.4) ▲
Sweden	59 (2.6) ▲
Slovak Republic	58 (2.6)
New Zealand	58 (2.4)
Slovenia	57 (2.7)
Croatia	56 (2.8)
Singapore	56 (1.9)
Norway (5)	55 (2.9)
Hungary	54 (2.5)
International Average	**54 (0.5)**
Italy	53 (2.2)
Finland	53 (2.3)
Spain	51 (2.9)
Belgium (Flemish)	50 (2.5)
Kazakhstan	50 (1.9)
Portugal	45 (2.1) ▼
United Arab Emirates	43 (1.3) ▼
Israel	42 (2.5) ▼
Malta	40 (2.8) ▼
Qatar	38 (2.7) ▼
Saudi Arabia	34 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.8) ▲
Quebec, Canada	66 (2.2) ▲
British Columbia, Canada	59 (2.7)
Alberta, Canada	57 (2.7)
Dubai, UAE	56 (1.6)
Newfoundland & Labrador, Can.	53 (4.4)
Abu Dhabi, UAE	39 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE21K12 (Sharks): Shark information table
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	60 (1.7) ▲	79 (1.5) ▲	90 (1.0) ▲
Russian Federation	53 (3.7) ▲	71 (2.8) ▲	88 (2.0) ▲
Chinese Taipei	43 (2.1) ▲	69 (2.0) ▲	88 (1.6) ▲
Slovenia	40 (2.8) ▲	60 (2.9)	82 (2.5)
Hungary	37 (2.4) ▲	66 (3.0) ▲	82 (2.2)
Finland	35 (1.8) ▲	62 (1.9) ▲	83 (1.3) ▲
Malta	35 (3.2)	55 (3.4)	71 (2.6) ▼
New Zealand	34 (2.0)	58 (2.4)	79 (1.6)
Norway (5)	33 (2.2)	60 (2.9)	82 (2.2)
Lithuania	33 (2.1)	60 (2.4) ▲	89 (1.5) ▲
Czech Republic	32 (2.1)	59 (2.3)	85 (1.6) ▲
Sweden	32 (2.3)	55 (2.5)	75 (2.6)
International Average	**31 (0.5)**	**56 (0.5)**	**79 (0.4)**
Croatia	31 (4.1)	58 (3.9)	85 (2.4) ▲
Israel	31 (2.6)	55 (2.9)	75 (2.6)
Denmark	30 (2.5)	54 (3.0)	74 (2.7)
Belgium (Flemish)	27 (2.6)	58 (2.5)	81 (2.3)
Italy	27 (2.2)	55 (2.5)	86 (1.7) ▲
Germany	26 (2.1) ▼	55 (2.1)	79 (1.8)
Spain	25 (2.0) ▼	50 (2.0) ▼	78 (1.7)
Slovak Republic	25 (2.4) ▼	52 (2.3)	80 (2.2)
United Arab Emirates	24 (1.2) ▼	47 (1.2) ▼	66 (0.9) ▼
Portugal	24 (1.9) ▼	46 (2.3) ▼	79 (1.8)
Qatar	18 (1.5) ▼	42 (2.1) ▼	64 (2.0) ▼
Kazakhstan	17 (1.6) ▼	40 (2.1) ▼	71 (2.1) ▼
Saudi Arabia	11 (1.9) ▼	26 (2.6) ▼	53 (3.1) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	56 (2.3) ▲	79 (1.8) ▲	93 (1.2) ▲
Dubai, UAE	39 (2.0) ▲	66 (2.0) ▲	83 (1.2) ▲
Quebec, Canada	35 (2.1)	56 (2.5)	85 (2.0) ▲
Alberta, Canada	33 (3.2)	55 (2.5)	82 (2.8)
British Columbia, Canada	32 (2.6)	59 (2.7)	81 (1.7)
Newfoundland & Labrador, Can.	27 (4.1)	51 (4.2)	76 (3.1)
Abu Dhabi, UAE	19 (1.7) ▼	35 (1.6) ▼	53 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E01 (How Did We Learn to Fly?): Who invented the first kites
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	96 (1.0) ▲
Singapore	94 (0.8) ▲
Italy	94 (1.4) ▲
Portugal	93 (1.0) ▲
Finland	93 (1.0) ▲
Lithuania	92 (1.5) ▲
Spain	92 (1.1) ▲
Slovenia	92 (1.5) ▲
Israel	91 (1.3) ▲
Russian Federation	91 (1.4) ▲
Norway (5)	90 (1.8)
Sweden	89 (1.7)
Slovak Republic	88 (1.7)
International Average	**88 (0.3)**
Germany	88 (1.5)
Czech Republic	87 (1.4)
Saudi Arabia	86 (1.8)
New Zealand	85 (1.8)
Denmark	85 (1.8)
Belgium (Flemish)	85 (2.1)
Malta	84 (2.5)
Hungary	84 (2.2)
Chinese Taipei	81 (2.0) ▼
Qatar	81 (1.7) ▼
Kazakhstan	80 (1.6) ▼
United Arab Emirates	79 (0.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.9) ▲
Quebec, Canada	93 (1.5) ▲
Dubai, UAE	92 (0.8) ▲
British Columbia, Canada	90 (1.3)
Alberta, Canada	87 (2.0)
Newfoundland & Labrador, Can.	86 (2.4)
Abu Dhabi, UAE	69 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E02 (How Did We Learn to Fly?): What were the first kites made from
Constructed Response (1 Point)

Country	Percent Full Credit
Spain	88 (2.0) ▲
Denmark	88 (1.5) ▲
Hungary	86 (1.9) ▲
Croatia	82 (2.5) ▲
Lithuania	82 (1.9) ▲
Italy	82 (2.0) ▲
Russian Federation	80 (2.1) ▲
Portugal	80 (1.7) ▲
Slovenia	79 (1.8) ▲
Czech Republic	79 (2.1) ▲
Slovak Republic	78 (2.3) ▲
Sweden	77 (2.2)
Singapore	77 (1.6) ▲
Finland	76 (2.0)
New Zealand	74 (2.1)
International Average	**73 (0.4)**
Malta	71 (2.6)
Germany	71 (1.9)
Norway (5)	67 (2.4) ▼
Saudi Arabia	64 (2.6) ▼
Chinese Taipei	64 (2.0) ▼
United Arab Emirates	64 (1.0) ▼
Qatar	61 (2.2) ▼
Israel	61 (2.3) ▼
Kazakhstan	59 (2.1) ▼
Belgium (Flemish)	45 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.1) ▲
Quebec, Canada	81 (1.9) ▲
Alberta, Canada	80 (2.3) ▲
Dubai, UAE	80 (1.4) ▲
Newfoundland & Labrador, Can.	78 (2.2) ▲
British Columbia, Canada	76 (1.9)
Abu Dhabi, UAE	52 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E03 (How Did We Learn to Fly?): Why first kites were for rich people
Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	88 (1.5) ▲
Chinese Taipei	88 (1.7) ▲
Finland	86 (1.7) ▲
Norway (5)	86 (1.8) ▲
Singapore	85 (1.4) ▲
Denmark	84 (1.8) ▲
Croatia	84 (2.6) ▲
Russian Federation	84 (2.0) ▲
Hungary	84 (2.0) ▲
Germany	82 (1.7) ▲
Slovenia	82 (2.0) ▲
Spain	81 (1.7) ▲
Belgium (Flemish)	81 (1.9)
Sweden	80 (1.9)
Czech Republic	79 (2.0)
Slovak Republic	78 (2.6)
International Average	**78 (0.4)**
Kazakhstan	77 (1.8)
Israel	77 (1.6)
Italy	74 (2.0) ▼
Portugal	71 (2.0) ▼
New Zealand	69 (2.4) ▼
Malta	68 (2.8) ▼
Qatar	62 (2.1) ▼
United Arab Emirates	61 (0.8) ▼
Saudi Arabia	55 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.1) ▲
Quebec, Canada	81 (1.7)
Dubai, UAE	79 (1.1)
British Columbia, Canada	76 (2.6)
Alberta, Canada	76 (2.4)
Newfoundland & Labrador, Can.	73 (3.0)
Abu Dhabi, UAE	50 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E04 (How Did We Learn to Fly?): How Marco Polo found out about kites
Multiple Choice (Key is B)

Country	Percent Full Credit
Spain	80 (1.6) ▲
Russian Federation	79 (1.8) ▲
Lithuania	78 (1.8) ▲
Italy	77 (1.7) ▲
Singapore	76 (1.3) ▲
Portugal	75 (1.8) ▲
Chinese Taipei	74 (2.4) ▲
Slovak Republic	72 (2.8)
Sweden	70 (2.4)
Slovenia	69 (2.8)
Israel	69 (1.9)
Czech Republic	68 (1.9)
International Average	**67 (0.5)**
Finland	67 (2.5)
Denmark	67 (2.2)
Belgium (Flemish)	67 (2.4)
Norway (5)	66 (2.6)
Hungary	65 (2.6)
Germany	65 (2.0)
Malta	63 (3.2)
New Zealand	62 (2.3) ▼
Croatia	60 (3.6) ▼
United Arab Emirates	60 (1.1) ▼
Kazakhstan	56 (2.3) ▼
Qatar	54 (2.1) ▼
Saudi Arabia	45 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.4) ▲
Quebec, Canada	76 (2.0) ▲
Dubai, UAE	71 (1.4) ▲
British Columbia, Canada	65 (2.3)
Alberta, Canada	65 (3.2)
Newfoundland & Labrador, Can.	58 (3.5) ▼
Abu Dhabi, UAE	52 (1.6) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41E05 (How Did We Learn to Fly?): Why were soldiers sometimes tied on to kites
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	93 (0.9) ▲
Chinese Taipei	92 (1.0) ▲
Russian Federation	90 (1.5) ▲
Finland	90 (1.4) ▲
Lithuania	89 (1.7) ▲
Denmark	88 (1.1) ▲
Belgium (Flemish)	86 (1.8) ▲
Croatia	86 (2.1) ▲
Sweden	85 (2.4)
Slovak Republic	85 (2.0)
Norway (5)	85 (2.3)
Czech Republic	84 (1.5)
Italy	84 (2.0)
Spain	83 (1.7)
International Average	**82 (0.4)**
Hungary	82 (1.9)
Germany	82 (1.7)
Slovenia	80 (2.2)
Portugal	79 (1.9)
New Zealand	77 (2.0) ▼
Kazakhstan	75 (1.8) ▼
Israel	74 (2.1) ▼
Malta	74 (2.2) ▼
United Arab Emirates	72 (0.9) ▼
Qatar	70 (1.8) ▼
Saudi Arabia	62 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.0) ▲
Quebec, Canada	91 (1.1) ▲
Alberta, Canada	91 (1.3) ▲
Newfoundland & Labrador, Can.	90 (1.3) ▲
British Columbia, Canada	85 (1.5) ▲
Dubai, UAE	85 (0.9) ▲
Abu Dhabi, UAE	62 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E06 (How Did We Learn to Fly?): What kind of kite did an Australian invent
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	93 (0.9) ▲
Croatia	91 (1.7) ▲
Lithuania	91 (1.5) ▲
Spain	88 (1.2) ▲
Denmark	88 (1.3) ▲
Slovenia	88 (1.7) ▲
Italy	87 (1.7) ▲
Russian Federation	87 (2.1) ▲
Finland	86 (1.8) ▲
Sweden	85 (2.0)
New Zealand	84 (1.6)
Slovak Republic	83 (1.8)
Czech Republic	83 (1.4)
Chinese Taipei	82 (1.8)
International Average	**82 (0.4)**
Norway (5)	81 (2.5)
Belgium (Flemish)	81 (2.1)
Hungary	80 (2.0)
Portugal	80 (1.7)
Germany	79 (2.0)
Malta	79 (2.6)
Israel	77 (1.6) ▼
Kazakhstan	77 (1.3) ▼
United Arab Emirates	75 (0.8) ▼
Qatar	72 (2.1) ▼
Saudi Arabia	55 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.8) ▲
Newfoundland & Labrador, Can.	88 (2.0) ▲
Dubai, UAE	87 (1.0) ▲
Alberta, Canada	87 (2.1) ▲
Quebec, Canada	86 (1.5) ▲
British Columbia, Canada	84 (1.6)
Abu Dhabi, UAE	68 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E07 (How Did We Learn to Fly?): Two things Australian did to make kites lift a man
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	63 (1.7) ▲	88 (1.2) ▲
Russian Federation	59 (2.8) ▲	81 (2.0) ▲
Croatia	55 (3.6) ▲	83 (2.7) ▲
Chinese Taipei	55 (2.1) ▲	80 (2.0) ▲
Lithuania	53 (2.6) ▲	79 (2.5) ▲
Finland	53 (2.1) ▲	71 (2.1)
Portugal	52 (2.0) ▲	67 (1.9)
Israel	52 (2.0) ▲	71 (2.1)
Norway (5)	50 (2.4)	69 (2.5)
Germany	49 (2.5)	69 (2.1)
Italy	49 (2.5)	71 (2.6)
Sweden	46 (2.6)	68 (2.4)
Slovak Republic	46 (2.5)	73 (2.3) ▲
International Average	**45 (0.5)**	**68 (0.5)**
Slovenia	44 (2.6)	61 (2.5) ▼
Spain	44 (2.1)	71 (1.8) ▲
Denmark	43 (2.7)	66 (2.4)
Belgium (Flemish)	42 (2.8)	68 (2.5)
Czech Republic	42 (2.9)	71 (2.8)
Qatar	42 (2.2)	58 (1.9) ▼
Kazakhstan	40 (1.9) ▼	66 (2.0)
United Arab Emirates	38 (0.9) ▼	58 (0.8) ▼
Malta	38 (2.6) ▼	66 (2.8)
Saudi Arabia	31 (3.7) ▼	48 (3.5) ▼
New Zealand	30 (2.2) ▼	60 (2.5) ▼
Hungary	17 (1.8) ▼	32 (2.3) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	67 (2.0) ▲	87 (1.6) ▲
Quebec, Canada	56 (2.6) ▲	80 (2.3) ▲
Dubai, UAE	48 (1.4)	75 (1.3) ▲
Newfoundland & Labrador, Can.	37 (2.5) ▼	63 (2.3) ▼
British Columbia, Canada	37 (2.3) ▼	65 (2.5)
Alberta, Canada	35 (1.9) ▼	65 (2.9)
Abu Dhabi, UAE	29 (1.5) ▼	46 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E08 (How Did We Learn to Fly?): Why was the Australian's invention important
Multiple Choice (Key is C)

Country	Percent Full Credit
Lithuania	70 (2.2) ▲
Croatia	68 (2.9) ▲
Slovak Republic	66 (2.6) ▲
Slovenia	65 (2.5) ▲
Portugal	62 (2.3) ▲
Spain	61 (1.5) ▲
Hungary	57 (2.2) ▲
Finland	57 (2.2) ▲
Italy	57 (2.3) ▲
Chinese Taipei	56 (2.3)
Czech Republic	55 (2.5)
Germany	53 (1.9)
Singapore	53 (1.5)
International Average	**52 (0.5)**
Norway (5)	49 (2.4)
Israel	48 (2.5)
Sweden	48 (2.5)
Denmark	48 (2.2)
Qatar	43 (1.8) ▼
United Arab Emirates	42 (0.9) ▼
New Zealand	41 (2.2) ▼
Russian Federation	41 (2.3) ▼
Malta	40 (3.1) ▼
Belgium (Flemish)	39 (2.7) ▼
Saudi Arabia	36 (3.2) ▼
Kazakhstan	35 (1.6) ▼
Benchmarking Participants	
Quebec, Canada	67 (1.7) ▲
Moscow City, Russian Fed.	57 (2.1) ▲
Dubai, UAE	51 (1.6)
British Columbia, Canada	49 (2.3)
Alberta, Canada	44 (2.5) ▼
Abu Dhabi, UAE	41 (1.5) ▼
Newfoundland & Labrador, Can.	40 (3.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE41E09 (How Did We Learn to Fly?): What does photograph help you to understand
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	69 (1.9) ▲
Croatia	68 (2.7) ▲
Russian Federation	66 (2.4) ▲
Lithuania	66 (2.3) ▲
Slovak Republic	65 (2.7) ▲
Sweden	64 (2.3) ▲
Slovenia	64 (2.7)
Israel	63 (2.1)
Norway (5)	63 (2.5)
Germany	63 (2.1)
Hungary	62 (2.6)
Italy	62 (2.4)
Singapore	61 (1.6)
Czech Republic	61 (2.3)
International Average	**60 (0.5)**
Belgium (Flemish)	60 (2.8)
Denmark	60 (2.4)
Kazakhstan	57 (2.2)
New Zealand	57 (2.0)
Portugal	56 (1.9)
Saudi Arabia	55 (2.9)
Spain	54 (1.6) ▼
Malta	53 (3.6) ▼
Chinese Taipei	51 (2.3) ▼
United Arab Emirates	49 (0.8) ▼
Qatar	49 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	72 (1.9) ▲
Quebec, Canada	61 (2.3)
Dubai, UAE	58 (1.5)
Alberta, Canada	55 (2.9)
British Columbia, Canada	55 (2.3) ▼
Newfoundland & Labrador, Can.	54 (2.0) ▼
Abu Dhabi, UAE	42 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E10 (How Did We Learn to Fly?): How many meters could the Bat lift a man
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	95 (1.2) ▲
Lithuania	94 (1.3) ▲
Singapore	93 (1.0) ▲
Russian Federation	92 (1.7) ▲
Hungary	92 (1.5) ▲
Spain	90 (1.1) ▲
Chinese Taipei	90 (1.4) ▲
Finland	90 (1.5) ▲
Belgium (Flemish)	89 (1.8)
Denmark	89 (1.5)
Italy	88 (1.6)
Sweden	88 (1.7)
Slovak Republic	87 (1.8)
Portugal	86 (1.6)
International Average	**86 (0.3)**
Slovenia	85 (1.8)
Czech Republic	85 (1.4)
Kazakhstan	84 (1.7)
Norway (5)	84 (1.9)
New Zealand	84 (1.9)
Malta	82 (2.0) ▼
Israel	82 (1.7) ▼
Germany	81 (1.8) ▼
Qatar	76 (1.8) ▼
United Arab Emirates	75 (0.8) ▼
Saudi Arabia	71 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (0.9) ▲
Quebec, Canada	94 (1.3) ▲
Newfoundland & Labrador, Can.	90 (1.5) ▲
Dubai, UAE	88 (0.9) ▲
British Columbia, Canada	85 (1.4)
Alberta, Canada	85 (2.6)
Abu Dhabi, UAE	65 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E11 (How Did We Learn to Fly?): Why people stopped using war kites
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	90 (1.2) ▲
Finland	88 (2.0) ▲
Lithuania	87 (1.7) ▲
Chinese Taipei	85 (1.8) ▲
Russian Federation	85 (1.8) ▲
Sweden	85 (1.8) ▲
Italy	84 (1.8) ▲
Spain	82 (1.7) ▲
Croatia	82 (2.3) ▲
Denmark	81 (1.9) ▲
Hungary	81 (2.1) ▲
Germany	81 (2.0) ▲
Slovak Republic	81 (2.3)
Portugal	80 (1.7)
Slovenia	79 (2.1)
Malta	78 (2.0)
Czech Republic	77 (1.8)
International Average	**76 (0.4)**
Israel	74 (1.8)
Norway (5)	74 (2.4)
New Zealand	72 (2.2)
Belgium (Flemish)	63 (2.9) ▼
Kazakhstan	60 (2.0) ▼
United Arab Emirates	59 (0.9) ▼
Qatar	54 (2.0) ▼
Saudi Arabia	50 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.1) ▲
Alberta, Canada	85 (2.3) ▲
Newfoundland & Labrador, Can.	84 (2.2) ▲
Quebec, Canada	83 (2.0) ▲
British Columbia, Canada	82 (1.6) ▲
Dubai, UAE	79 (1.3) ▲
Abu Dhabi, UAE	52 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E12 (How Did We Learn to Fly?): In which country did the Wright Bros live
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	96 (1.0) ▲
Russian Federation	96 (0.9) ▲
Chinese Taipei	95 (1.1) ▲
Lithuania	95 (1.0) ▲
Singapore	94 (0.7) ▲
Sweden	94 (1.5) ▲
Denmark	93 (1.1) ▲
Italy	93 (1.3) ▲
Portugal	92 (1.4) ▲
Spain	91 (1.2) ▲
Germany	91 (1.1) ▲
Slovak Republic	91 (1.3)
Slovenia	90 (1.6)
Finland	90 (1.6)
Norway (5)	89 (2.3)
International Average	**88 (0.3)**
Czech Republic	87 (1.5)
Belgium (Flemish)	87 (2.3)
Hungary	86 (2.3)
New Zealand	86 (2.0)
Malta	85 (2.3)
Kazakhstan	85 (1.6) ▼
Israel	83 (1.6) ▼
Qatar	77 (1.8) ▼
Saudi Arabia	74 (2.5) ▼
United Arab Emirates	73 (0.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.5) ▲
Quebec, Canada	95 (1.2) ▲
Dubai, UAE	90 (1.0)
Newfoundland & Labrador, Can.	87 (1.7)
British Columbia, Canada	85 (1.9) ▼
Alberta, Canada	83 (2.6)
Abu Dhabi, UAE	63 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE41E13 (How Did We Learn to Fly?): What was the successful first flight
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	59 (1.5) ▲
Russian Federation	56 (2.9) ▲
Portugal	54 (2.1) ▲
Croatia	53 (3.3) ▲
Hungary	52 (2.8) ▲
Sweden	50 (2.8)
Denmark	50 (2.4)
Finland	49 (1.6)
Spain	48 (1.6)
Malta	47 (3.0)
Slovenia	46 (2.8)
International Average	**46 (0.5)**
Czech Republic	45 (2.2)
Belgium (Flemish)	45 (2.5)
Norway (5)	45 (2.8)
Italy	44 (2.2)
Slovak Republic	43 (3.1)
Israel	43 (2.4)
Germany	42 (2.3)
Chinese Taipei	42 (2.1)
United Arab Emirates	41 (1.0) ▼
Kazakhstan	40 (1.9) ▼
Qatar	39 (2.1) ▼
Lithuania	38 (2.8) ▼
New Zealand	37 (2.6) ▼
Saudi Arabia	31 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (2.2) ▲
Dubai, UAE	49 (1.2) ▲
Quebec, Canada	41 (1.9) ▼
Alberta, Canada	40 (3.2)
British Columbia, Canada	34 (3.0) ▼
Newfoundland & Labrador, Can.	34 (3.4) ▼
Abu Dhabi, UAE	33 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E14 (How Did We Learn to Fly?): How was experimental aircraft like a kite
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	29 (2.1) ▲	80 (2.3) ▲
Croatia	27 (3.1) ▲	83 (2.5) ▲
Lithuania	24 (2.1) ▲	76 (1.9) ▲
Italy	23 (2.2) ▲	69 (2.2) ▲
Portugal	22 (1.7) ▲	73 (2.2) ▲
Slovak Republic	20 (2.2)	70 (2.5) ▲
Finland	20 (1.6)	70 (2.0) ▲
Kazakhstan	20 (1.6)	63 (1.9)
Czech Republic	18 (2.0)	68 (2.6)
Chinese Taipei	18 (1.8)	69 (2.4) ▲
Denmark	18 (1.9)	64 (1.9)
International Average	**18 (0.4)**	**64 (0.5)**
Germany	17 (1.8)	54 (2.6) ▼
Sweden	17 (2.1)	71 (2.0) ▲
Norway (5)	17 (1.7)	60 (3.1)
Spain	16 (1.6)	60 (2.5)
Hungary	16 (1.8)	68 (2.7)
Israel	15 (1.8)	63 (2.3)
Malta	15 (2.5)	51 (3.1) ▼
Slovenia	14 (2.0)	68 (2.8)
Qatar	13 (1.6) ▼	54 (2.3) ▼
New Zealand	13 (1.5) ▼	58 (2.6) ▼
Singapore	12 (1.2) ▼	63 (1.8)
Belgium (Flemish)	12 (2.1) ▼	57 (3.2) ▼
Saudi Arabia	11 (2.3) ▼	42 (3.1) ▼
United Arab Emirates	11 (0.6) ▼	47 (0.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	37 (1.9) ▲	86 (1.5) ▲
Quebec, Canada	18 (1.7)	63 (2.8)
Dubai, UAE	16 (1.1)	59 (1.6) ▼
British Columbia, Canada	14 (1.7) ▼	56 (2.4) ▼
Alberta, Canada	12 (1.5) ▼	70 (2.7) ▲
Newfoundland & Labrador, Can.	10 (2.8) ▼	60 (4.8)
Abu Dhabi, UAE	9 (1.0) ▼	43 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E15 (How Did We Learn to Fly?): What year was the Wright Bros first flight
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	94 (1.1) ▲
Lithuania	93 (1.5) ▲
Singapore	91 (1.1) ▲
Croatia	90 (2.1) ▲
Italy	90 (1.4) ▲
Spain	89 (1.3) ▲
Finland	89 (1.2) ▲
Portugal	88 (1.4) ▲
Slovak Republic	88 (2.2)
Sweden	88 (1.6) ▲
Norway (5)	87 (1.7)
Hungary	87 (1.7)
Chinese Taipei	87 (1.5)
Denmark	86 (1.9)
Czech Republic	86 (1.7)
Slovenia	85 (2.1)
International Average	**84 (0.4)**
Kazakhstan	83 (1.8)
Germany	83 (1.9)
Israel	82 (1.5)
New Zealand	81 (2.4)
Belgium (Flemish)	79 (2.4) ▼
Malta	76 (2.8) ▼
Qatar	72 (1.8) ▼
United Arab Emirates	71 (0.8) ▼
Saudi Arabia	62 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.8) ▲
Quebec, Canada	94 (1.4) ▲
Dubai, UAE	86 (0.9) ▲
Newfoundland & Labrador, Can.	86 (2.0)
Alberta, Canada	85 (2.4)
British Columbia, Canada	82 (2.7)
Abu Dhabi, UAE	59 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E16 (How Did We Learn to Fly?): Put inventions in order (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	76 (1.7) ▲
Hungary	75 (2.4) ▲
Denmark	75 (2.2) ▲
Finland	73 (1.7) ▲
Russian Federation	73 (2.6) ▲
Lithuania	73 (2.2) ▲
Czech Republic	71 (2.5) ▲
Norway (5)	70 (2.8) ▲
Croatia	70 (3.0)
Sweden	70 (2.3) ▲
Chinese Taipei	68 (2.8)
Italy	67 (2.2)
Slovenia	67 (2.7)
Germany	67 (2.4)
International Average	**64 (0.5)**
Spain	64 (1.7)
Belgium (Flemish)	63 (3.0)
Israel	63 (2.2)
Portugal	62 (2.2)
Slovak Republic	62 (2.7)
New Zealand	61 (2.3)
Malta	59 (2.9)
Kazakhstan	56 (2.2) ▼
United Arab Emirates	51 (1.0) ▼
Qatar	44 (2.3) ▼
Saudi Arabia	31 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	83 (1.6) ▲
Quebec, Canada	78 (2.0) ▲
Alberta, Canada	71 (2.7) ▲
Dubai, UAE	71 (1.5) ▲
British Columbia, Canada	68 (2.5)
Newfoundland & Labrador, Can.	67 (2.6)
Abu Dhabi, UAE	46 (1.7) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41E16A (How Did We Learn to Fly?): Put inventions in order (the Bat)
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	79 (1.5) ▲
Hungary	78 (2.1) ▲
Denmark	78 (2.0) ▲
Finland	77 (1.7) ▲
Russian Federation	77 (2.4) ▲
Lithuania	77 (2.0) ▲
Czech Republic	76 (2.4) ▲
Croatia	75 (2.8)
Sweden	75 (2.0) ▲
Norway (5)	75 (2.7)
Slovenia	74 (2.0) ▲
Italy	74 (2.2)
Germany	73 (2.1)
Chinese Taipei	71 (2.6)
Portugal	71 (2.0)
International Average	**70 (0.5)**
Belgium (Flemish)	69 (2.9)
Spain	68 (1.5)
Israel	68 (2.2)
Slovak Republic	68 (2.5)
New Zealand	66 (2.1)
Malta	65 (3.1)
Kazakhstan	64 (2.4) ▼
United Arab Emirates	58 (0.9) ▼
Qatar	50 (1.9) ▼
Saudi Arabia	43 (3.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.5) ▲
Quebec, Canada	80 (1.9) ▲
Alberta, Canada	77 (1.9) ▲
Dubai, UAE	77 (1.3) ▲
Newfoundland & Labrador, Can.	76 (3.1)
British Columbia, Canada	73 (2.2)
Abu Dhabi, UAE	53 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E16C (How Did We Learn to Fly?): Put inventions in order (airplane)
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	95 (0.8) ▲
Denmark	94 (1.3) ▲
Germany	94 (1.3) ▲
Belgium (Flemish)	94 (1.3) ▲
Finland	94 (1.0) ▲
Lithuania	94 (1.4) ▲
Singapore	93 (0.7) ▲
Slovenia	93 (1.4) ▲
Russian Federation	93 (1.6) ▲
Hungary	93 (1.6) ▲
Czech Republic	92 (1.4) ▲
Sweden	92 (1.5) ▲
Portugal	91 (0.9) ▲
Slovak Republic	91 (1.6) ▲
Italy	91 (1.3) ▲
Croatia	91 (2.2)
Norway (5)	89 (2.4)
International Average	**88 (0.3)**
Malta	84 (2.8)
Kazakhstan	82 (1.8) ▼
Israel	82 (2.0) ▼
New Zealand	82 (2.1) ▼
Spain	78 (1.6) ▼
United Arab Emirates	77 (0.7) ▼
Qatar	73 (1.9) ▼
Saudi Arabia	64 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.9) ▲
Quebec, Canada	95 (1.1) ▲
Alberta, Canada	93 (0.8) ▲
Newfoundland & Labrador, Can.	92 (2.5)
Dubai, UAE	92 (0.8) ▲
British Columbia, Canada	90 (1.6)
Abu Dhabi, UAE	70 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41E16D (How Did We Learn to Fly?): Put inventions in order (paper kite)
Multiple Choice (Key is A)

Country	Percent Full Credit
Denmark	87 (1.6) ▲
Croatia	86 (2.3) ▲
Finland	86 (1.3) ▲
Hungary	85 (1.9) ▲
Sweden	84 (2.0) ▲
Lithuania	83 (1.9) ▲
Norway (5)	83 (2.0) ▲
Russian Federation	83 (2.0) ▲
Singapore	82 (1.4) ▲
Germany	81 (1.8) ▲
Spain	80 (1.7)
Czech Republic	79 (2.2)
Belgium (Flemish)	79 (2.6)
Italy	78 (2.2)
Slovenia	78 (2.4)
International Average	**77 (0.4)**
Israel	76 (2.0)
Chinese Taipei	75 (2.6)
Malta	72 (2.8)
Slovak Republic	72 (2.6)
New Zealand	71 (2.1) ▼
Portugal	70 (2.2) ▼
Kazakhstan	69 (1.9) ▼
Qatar	65 (2.4) ▼
United Arab Emirates	64 (1.0) ▼
Saudi Arabia	55 (3.2) ▼
Benchmarking Participants	
Quebec, Canada	91 (1.6) ▲
Moscow City, Russian Fed.	91 (1.1) ▲
Alberta, Canada	80 (2.1)
Dubai, UAE	78 (1.5)
British Columbia, Canada	78 (2.3)
Newfoundland & Labrador, Can.	75 (2.4)
Abu Dhabi, UAE	56 (1.7) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41E16E (How Did We Learn to Fly?): Put inventions in order (box kite)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	78 (1.6) ▲
Denmark	78 (2.1) ▲
Hungary	78 (2.3) ▲
Czech Republic	77 (2.5) ▲
Russian Federation	77 (2.4) ▲
Lithuania	76 (2.2) ▲
Finland	76 (1.7) ▲
Norway (5)	74 (2.8) ▲
Sweden	74 (2.2) ▲
Croatia	73 (3.0)
Italy	72 (2.2)
Slovenia	71 (2.7)
Spain	70 (1.7)
Germany	70 (2.4)
Chinese Taipei	70 (2.7)
International Average	**69 (0.5)**
Israel	67 (2.2)
New Zealand	67 (2.0)
Portugal	67 (2.3)
Belgium (Flemish)	66 (3.1)
Slovak Republic	65 (2.9)
Malta	65 (3.0)
Kazakhstan	61 (2.1) ▼
United Arab Emirates	58 (0.9) ▼
Qatar	51 (2.4) ▼
Saudi Arabia	40 (3.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.5) ▲
Quebec, Canada	80 (2.0) ▲
Dubai, UAE	74 (1.4) ▲
Alberta, Canada	74 (2.6)
British Columbia, Canada	73 (2.6)
Newfoundland & Labrador, Can.	72 (2.5)
Abu Dhabi, UAE	54 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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RE41E17 (How Did We Learn to Fly?): What is main idea of the article
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	82 (2.3) ▲
Lithuania	80 (1.9) ▲
Sweden	79 (1.7) ▲
Croatia	78 (2.3) ▲
Chinese Taipei	75 (2.2) ▲
Denmark	74 (1.9) ▲
Singapore	73 (1.8) ▲
Finland	72 (2.3) ▲
Czech Republic	70 (2.0) ▲
Italy	70 (2.2) ▲
Germany	69 (2.2)
Slovak Republic	68 (2.7)
Norway (5)	68 (2.5)
Slovenia	67 (2.5)
Portugal	66 (1.9)
International Average	**65 (0.5)**
New Zealand	62 (2.3)
Hungary	59 (2.6) ▼
United Arab Emirates	55 (1.1) ▼
Saudi Arabia	55 (2.8) ▼
Kazakhstan	55 (1.8) ▼
Israel	53 (2.4) ▼
Belgium (Flemish)	52 (3.4) ▼
Malta	52 (3.4) ▼
Spain	51 (2.2) ▼
Qatar	49 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.4) ▲
Dubai, UAE	70 (1.6) ▲
Newfoundland & Labrador, Can.	68 (4.2)
Alberta, Canada	67 (2.6)
Quebec, Canada	64 (2.2)
British Columbia, Canada	62 (2.5)
Abu Dhabi, UAE	47 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01 (Marie Curie-Prize Winning Scientist): Why is Marie Curie important (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Italy	42 (2.3) ▲	65 (2.1) ▲
Russian Federation	38 (2.7) ▲	60 (2.5) ▲
Croatia	32 (2.5) ▲	62 (2.9) ▲
Portugal	31 (1.7) ▲	52 (2.1)
Finland	31 (1.9) ▲	58 (1.8) ▲
Israel	30 (2.3) ▲	59 (2.4) ▲
Lithuania	29 (2.7)	58 (2.9) ▲
Singapore	29 (1.6) ▲	70 (1.4) ▲
Spain	27 (1.5)	52 (2.2)
New Zealand	24 (2.3)	46 (2.3) ▼
International Average	**24 (0.4)**	**51 (0.5)**
Czech Republic	24 (1.9)	58 (2.9) ▲
Slovak Republic	23 (2.4)	50 (3.4)
United Arab Emirates	23 (0.9)	46 (0.9) ▼
Norway (5)	22 (2.0)	49 (2.4)
Chinese Taipei	21 (2.0)	59 (2.3) ▲
Malta	20 (2.5)	46 (3.6)
Hungary	19 (2.1) ▼	46 (2.9)
Germany	19 (1.5) ▼	48 (2.1)
Qatar	19 (1.8) ▼	36 (2.4) ▼
Belgium (Flemish)	19 (2.0) ▼	47 (2.3)
Sweden	18 (2.0) ▼	47 (2.6)
Denmark	17 (1.8) ▼	44 (2.3) ▼
Slovenia	17 (2.1) ▼	43 (2.9) ▼
Saudi Arabia	16 (2.1) ▼	39 (2.6) ▼
Kazakhstan	14 (1.4) ▼	33 (1.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	47 (2.0) ▲	76 (1.9) ▲
Dubai, UAE	36 (1.3) ▲	63 (1.6) ▲
Quebec, Canada	32 (2.4) ▲	64 (2.6) ▲
Alberta, Canada	25 (2.9)	45 (2.9) ▼
British Columbia, Canada	24 (2.2)	45 (2.5) ▼
Abu Dhabi, UAE	20 (1.6) ▼	39 (1.6) ▼
Newfoundland & Labrador, Can.	19 (2.0) ▼	36 (2.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01A (Marie Curie-Prize Winning Scientist): Marie is important (a great scientist)
Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	94 (1.0) ▲
Chinese Taipei	91 (1.3) ▲
Croatia	91 (1.6) ▲
Germany	91 (1.5) ▲
Czech Republic	91 (1.5) ▲
Italy	90 (1.5) ▲
Russian Federation	89 (1.9) ▲
Spain	88 (1.1) ▲
Singapore	88 (1.1) ▲
Finland	87 (1.5) ▲
Slovak Republic	87 (2.1)
Belgium (Flemish)	87 (2.1)
Portugal	86 (1.3)
International Average	**84 (0.4)**
Norway (5)	84 (1.9)
Sweden	83 (2.1)
Slovenia	82 (2.5)
Denmark	81 (1.7)
Malta	77 (2.6) ▼
Qatar	76 (2.1) ▼
United Arab Emirates	76 (0.6) ▼
New Zealand	76 (1.8) ▼
Israel	75 (2.0) ▼
Hungary	73 (3.0) ▼
Saudi Arabia	73 (2.9) ▼
Kazakhstan	73 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.1) ▲
Dubai, UAE	81 (1.1)
Quebec, Canada	79 (2.2) ▼
Abu Dhabi, UAE	73 (1.2) ▼
British Columbia, Canada	72 (1.9) ▼
Alberta, Canada	71 (2.8) ▼
Newfoundland & Labrador, Can.	70 (3.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01B (Marie Curie-Prize Winning Scientist): Marie is important (won two Nobel Prizes)
Multiple Choice (Key is A)

Country	Percent Full Credit
Croatia	90 (2.0) ▲
Czech Republic	88 (1.7) ▲
Hungary	87 (1.6) ▲
Lithuania	83 (1.7) ▲
Italy	83 (1.8) ▲
Slovak Republic	82 (2.3) ▲
Finland	82 (1.9) ▲
Slovenia	82 (2.2) ▲
Spain	81 (1.4) ▲
Portugal	81 (1.6) ▲
Chinese Taipei	81 (1.8) ▲
Denmark	80 (1.9) ▲
Sweden	80 (2.4)
Belgium (Flemish)	80 (2.3)
International Average	**76 (0.4)**
Germany	74 (1.8)
Russian Federation	74 (2.2)
Malta	71 (3.5)
Saudi Arabia	70 (2.8) ▼
New Zealand	70 (2.3) ▼
Norway (5)	69 (2.2) ▼
Israel	67 (2.3) ▼
United Arab Emirates	66 (0.9) ▼
Kazakhstan	63 (2.0) ▼
Singapore	60 (1.8) ▼
Qatar	54 (1.8) ▼
Benchmarking Participants	
Quebec, Canada	80 (2.3)
Moscow City, Russian Fed.	77 (2.1)
Dubai, UAE	73 (1.3) ▼
Alberta, Canada	69 (3.2) ▼
Abu Dhabi, UAE	64 (1.3) ▼
British Columbia, Canada	62 (2.1) ▼
Newfoundland & Labrador, Can.	61 (3.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01C (Marie Curie-Prize Winning Scientist): Marie is important (work was a long time ago)
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	92 (1.2) ▲
Czech Republic	92 (1.7) ▲
Israel	91 (1.2) ▲
Kazakhstan	89 (1.3) ▲
Singapore	89 (0.9) ▲
Qatar	87 (1.6) ▲
Russian Federation	87 (2.0) ▲
Croatia	86 (2.5)
Saudi Arabia	84 (2.1)
Italy	84 (1.7)
Portugal	83 (1.5)
United Arab Emirates	83 (0.8) ▲
Belgium (Flemish)	83 (1.7)
Malta	82 (2.9)
New Zealand	82 (1.9)
International Average	**81 (0.4)**
Spain	80 (1.9)
Finland	78 (1.2) ▼
Norway (5)	77 (1.9)
Lithuania	77 (2.2)
Germany	75 (1.7) ▼
Denmark	73 (1.9) ▼
Hungary	70 (1.9) ▼
Sweden	70 (2.2) ▼
Slovenia	67 (2.8) ▼
Slovak Republic	61 (4.4) ▼
Benchmarking Participants	
Quebec, Canada	93 (1.7) ▲
Moscow City, Russian Fed.	91 (1.2) ▲
Dubai, UAE	87 (1.1) ▲
British Columbia, Canada	85 (1.6) ▲
Newfoundland & Labrador, Can.	81 (2.1)
Alberta, Canada	77 (2.0)
Abu Dhabi, UAE	77 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01D (Marie Curie-Prize Winning Scientist): Marie is important (born in Poland)
Multiple Choice (Key is B)

Country	Percent Full Credit
Israel	94 (1.1) ▲
Singapore	87 (1.1) ▲
Qatar	81 (1.4) ▲
Saudi Arabia	80 (1.7) ▲
New Zealand	78 (1.7) ▲
United Arab Emirates	78 (0.9) ▲
Italy	75 (2.0) ▲
Malta	74 (2.9) ▲
Russian Federation	71 (2.2) ▲
Norway (5)	68 (2.6)
Kazakhstan	67 (1.8)
Finland	64 (1.7)
International Average	**64 (0.5)**
Portugal	64 (2.2)
Spain	61 (2.0)
Slovak Republic	60 (2.8)
Belgium (Flemish)	55 (3.0) ▼
Croatia	53 (3.3) ▼
Chinese Taipei	51 (2.4) ▼
Hungary	51 (2.2) ▼
Lithuania	50 (2.8) ▼
Germany	50 (2.2) ▼
Sweden	49 (2.1) ▼
Denmark	47 (2.4) ▼
Czech Republic	45 (2.4) ▼
Slovenia	44 (3.1) ▼
Benchmarking Participants	
Dubai, UAE	87 (1.1) ▲
Moscow City, Russian Fed.	82 (1.5) ▲
Quebec, Canada	78 (2.2) ▲
British Columbia, Canada	77 (2.2) ▲
Abu Dhabi, UAE	76 (1.5) ▲
Newfoundland & Labrador, Can.	75 (2.1) ▲
Alberta, Canada	74 (2.6) ▲

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C01E (Marie Curie-Prize Winning Scientist): Marie is important (work helps people today)
Multiple Choice (Key is A)

Country	Percent Full Credit
Slovak Republic	73 (3.4) ▲
Sweden	73 (2.1) ▲
Lithuania	73 (2.6) ▲
Croatia	73 (2.9) ▲
Singapore	72 (1.4) ▲
Russian Federation	71 (2.3) ▲
Slovenia	69 (2.6) ▲
Italy	68 (2.0) ▲
Finland	66 (1.8) ▲
Hungary	65 (2.5) ▲
Denmark	65 (2.4) ▲
Norway (5)	63 (2.4)
Germany	62 (1.7)
International Average	**60 (0.5)**
Czech Republic	60 (2.7)
Portugal	57 (2.1)
Chinese Taipei	57 (2.1)
Spain	55 (2.1) ▼
New Zealand	55 (2.1) ▼
Israel	54 (2.3) ▼
Malta	50 (2.9) ▼
United Arab Emirates	50 (1.2) ▼
Kazakhstan	46 (1.8) ▼
Belgium (Flemish)	45 (2.5) ▼
Qatar	44 (2.4) ▼
Saudi Arabia	33 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	78 (1.9) ▲
Dubai, UAE	64 (1.7) ▲
Quebec, Canada	63 (2.5)
British Columbia, Canada	62 (2.2)
Alberta, Canada	58 (2.4)
Newfoundland & Labrador, Can.	52 (3.0) ▼
Abu Dhabi, UAE	49 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C02 (Marie Curie-Prize Winning Scientist): In what year did Marie marry Pierre Curie
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	91 (1.0) ▲
Norway (5)	89 (1.8) ▲
Chinese Taipei	89 (1.6) ▲
Finland	87 (1.7) ▲
Sweden	87 (1.7) ▲
Lithuania	86 (1.7) ▲
Portugal	85 (1.4) ▲
Denmark	85 (1.9) ▲
Croatia	85 (2.6)
Hungary	84 (1.9)
Russian Federation	84 (2.0)
Israel	84 (1.6)
Italy	83 (1.6)
Belgium (Flemish)	82 (2.2)
International Average	**81 (0.4)**
Spain	80 (1.8)
Slovak Republic	78 (3.3)
Slovenia	78 (2.2)
Czech Republic	78 (1.8)
Malta	78 (2.7)
Germany	76 (1.8) ▼
Qatar	74 (1.9) ▼
Saudi Arabia	74 (2.3) ▼
New Zealand	70 (2.4) ▼
United Arab Emirates	67 (1.1) ▼
Kazakhstan	67 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.0) ▲
Quebec, Canada	80 (1.8)
Dubai, UAE	80 (1.4)
Alberta, Canada	74 (3.1) ▼
British Columbia, Canada	65 (2.1) ▼
Newfoundland & Labrador, Can.	64 (2.7) ▼
Abu Dhabi, UAE	58 (1.8) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51C03 (Marie Curie-Prize Winning Scientist): How does the timeline help the reader
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	75 (1.6) ▲
Croatia	65 (3.5) ▲
Russian Federation	56 (3.2) ▲
Sweden	48 (2.9) ▲
Israel	48 (2.6) ▲
Malta	41 (2.7) ▲
Slovak Republic	40 (5.6)
Czech Republic	39 (3.8)
United Arab Emirates	37 (0.8) ▲
Italy	37 (2.4)
International Average	**34 (0.5)**
Norway (5)	33 (2.4)
Germany	32 (2.1)
Finland	30 (2.3)
Qatar	27 (2.4) ▼
Hungary	27 (2.9) ▼
Lithuania	26 (2.8) ▼
Portugal	25 (2.1) ▼
Spain	23 (2.2) ▼
Denmark	23 (2.1) ▼
Slovenia	22 (2.8) ▼
Kazakhstan	22 (1.7) ▼
Saudi Arabia	20 (2.7) ▼
Belgium (Flemish)	20 (2.7) ▼
New Zealand	16 (1.9) ▼
Chinese Taipei	16 (1.5) ▼
Benchmarking Participants	
Dubai, UAE	63 (1.6) ▲
Quebec, Canada	54 (3.2) ▲
Moscow City, Russian Fed.	44 (2.6) ▲
Alberta, Canada	36 (2.9)
Abu Dhabi, UAE	28 (1.2) ▼
British Columbia, Canada	28 (2.4) ▼
Newfoundland & Labrador, Can.	23 (3.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C04 (Marie Curie-Prize Winning Scientist): Marie's dream growing up
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	91 (1.0) ▲
Spain	91 (1.0) ▲
Italy	90 (1.4) ▲
Slovenia	90 (1.4) ▲
Lithuania	88 (1.6) ▲
Russian Federation	87 (2.0) ▲
Czech Republic	86 (1.2) ▲
Germany	86 (1.5) ▲
Chinese Taipei	86 (1.7) ▲
Belgium (Flemish)	85 (2.2)
Slovak Republic	85 (2.8)
Portugal	84 (1.5)
Sweden	84 (1.7)
Norway (5)	83 (2.1)
International Average	**82 (0.4)**
Malta	82 (1.8)
New Zealand	82 (1.9)
Croatia	82 (3.3)
Denmark	79 (2.0)
Kazakhstan	79 (1.4) ▼
Israel	75 (1.9) ▼
Finland	74 (1.7) ▼
United Arab Emirates	73 (1.0) ▼
Hungary	72 (2.4) ▼
Qatar	70 (2.1) ▼
Saudi Arabia	62 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.8) ▲
Newfoundland & Labrador, Can.	88 (2.2) ▲
Quebec, Canada	87 (2.3) ▲
Alberta, Canada	86 (2.0) ▲
British Columbia, Canada	86 (1.6) ▲
Dubai, UAE	85 (0.9) ▲
Abu Dhabi, UAE	65 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C05 (Marie Curie-Prize Winning Scientist): Two reasons it was difficult to go to university
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	80 (1.5) ▲	91 (0.8) ▲
Chinese Taipei	75 (2.1) ▲	85 (1.8)
Lithuania	69 (2.0) ▲	89 (1.4) ▲
Russian Federation	68 (2.4) ▲	89 (1.7) ▲
Italy	63 (2.4) ▲	90 (1.5) ▲
New Zealand	63 (2.7) ▲	82 (2.0)
Sweden	62 (2.7)	86 (1.8) ▲
Czech Republic	61 (2.5)	86 (1.6) ▲
Israel	61 (2.5)	80 (1.7)
Malta	60 (2.5)	78 (2.3)
Spain	60 (2.1)	82 (1.6)
Norway (5)	60 (2.8)	82 (2.2)
Denmark	59 (2.3)	85 (1.8)
Croatia	58 (4.4)	85 (2.3)
Qatar	58 (2.5)	75 (2.0) ▼
International Average	**57 (0.5)**	**82 (0.4)**
Portugal	56 (2.3)	83 (1.5)
Hungary	56 (2.8)	83 (2.2)
Germany	53 (2.2) ▼	81 (1.6)
United Arab Emirates	53 (1.2) ▼	69 (1.0) ▼
Belgium (Flemish)	49 (3.2) ▼	81 (2.4)
Slovenia	44 (3.0) ▼	83 (1.9)
Slovak Republic	43 (4.6) ▼	80 (3.3)
Kazakhstan	43 (2.1) ▼	79 (1.7)
Saudi Arabia	41 (2.8) ▼	70 (2.5) ▼
Finland	40 (2.0) ▼	82 (1.6)
Benchmarking Participants		
Moscow City, Russian Fed.	76 (2.0) ▲	93 (1.1) ▲
Dubai, UAE	71 (1.2) ▲	85 (0.9) ▲
Quebec, Canada	71 (1.9) ▲	92 (1.1) ▲
Alberta, Canada	62 (2.7)	83 (2.2)
Newfoundland & Labrador, Can.	59 (2.8)	87 (1.7) ▲
British Columbia, Canada	55 (2.8)	84 (1.7)
Abu Dhabi, UAE	42 (1.6) ▼	58 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C06 (Marie Curie-Prize Winning Scientist): One thing that shows the sisters supported
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	53 (2.1) ▲	69 (1.7) ▲
Russian Federation	42 (2.9) ▲	72 (2.5) ▲
Chinese Taipei	38 (2.3) ▲	64 (2.3) ▲
Italy	38 (2.2) ▲	68 (2.5) ▲
Czech Republic	34 (2.2) ▲	64 (2.6) ▲
Croatia	34 (3.6)	59 (3.5)
Lithuania	33 (2.5) ▲	61 (2.6) ▲
Hungary	31 (2.7)	59 (3.0)
New Zealand	29 (2.1)	53 (2.9)
Finland	29 (2.7)	48 (2.6) ▼
Israel	29 (2.2)	54 (2.5)
International Average	**28 (0.5)**	**54 (0.5)**
Slovenia	28 (2.9)	47 (3.3) ▼
Sweden	28 (2.0)	54 (2.7)
Slovak Republic	27 (2.8)	48 (4.1)
Spain	27 (1.9)	53 (2.4)
Malta	26 (2.5)	50 (3.3)
United Arab Emirates	25 (0.9) ▼	47 (1.0) ▼
Germany	24 (1.8) ▼	51 (2.1)
Qatar	23 (2.3) ▼	52 (2.9)
Denmark	23 (2.0) ▼	56 (2.7)
Norway (5)	22 (2.2) ▼	41 (2.8) ▼
Portugal	21 (1.8) ▼	46 (2.3) ▼
Kazakhstan	16 (1.7) ▼	43 (1.8) ▼
Belgium (Flemish)	16 (1.9) ▼	50 (3.5)
Saudi Arabia	11 (1.9) ▼	35 (3.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	50 (2.2) ▲	76 (2.0) ▲
Quebec, Canada	44 (2.1) ▲	70 (2.2) ▲
Dubai, UAE	38 (2.2) ▲	59 (1.6) ▲
Alberta, Canada	30 (2.3)	53 (3.3)
Newfoundland & Labrador, Can.	30 (3.5)	51 (3.5)
British Columbia, Canada	26 (2.3)	50 (2.7)
Abu Dhabi, UAE	20 (1.2) ▼	40 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C07 (Marie Curie-Prize Winning Scientist): Which subjects did Marie get degrees (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	86 (1.3) ▲
Germany	76 (1.8) ▲
Hungary	75 (2.9) ▲
Denmark	75 (2.2) ▲
Sweden	75 (2.3) ▲
Russian Federation	73 (2.3) ▲
Czech Republic	73 (1.8) ▲
Spain	69 (1.6) ▲
Lithuania	69 (2.1)
Finland	67 (2.0)
Slovenia	66 (2.4)
International Average	**65 (0.5)**
Norway (5)	65 (2.6)
Malta	65 (2.8)
Italy	63 (2.2)
Slovak Republic	62 (3.8)
Belgium (Flemish)	62 (3.1)
Croatia	62 (3.3)
Portugal	60 (1.9) ▼
Israel	59 (2.4) ▼
United Arab Emirates	58 (1.1) ▼
Qatar	57 (2.4) ▼
Kazakhstan	56 (1.9) ▼
New Zealand	55 (2.5) ▼
Chinese Taipei	54 (2.4) ▼
Saudi Arabia	53 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	83 (1.6) ▲
Dubai, UAE	74 (1.6) ▲
Quebec, Canada	69 (2.9)
Alberta, Canada	61 (3.2)
Newfoundland & Labrador, Can.	57 (3.3) ▼
British Columbia, Canada	52 (2.0) ▼
Abu Dhabi, UAE	46 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C07A (Marie Curie-Prize Winning Scientist): Which degrees (french)
Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	96 (0.7) ▲
Czech Republic	95 (0.7) ▲
Singapore	95 (0.6) ▲
Russian Federation	95 (1.1) ▲
Hungary	94 (1.3) ▲
Germany	94 (0.9) ▲
Belgium (Flemish)	93 (1.3) ▲
Sweden	92 (1.6)
Lithuania	92 (1.1)
Italy	92 (1.4)
Slovenia	91 (1.4)
Spain	91 (1.3)
Chinese Taipei	90 (1.4)
Finland	90 (1.4)
International Average	**90 (0.3)**
Israel	87 (1.5)
Norway (5)	87 (1.8)
Kazakhstan	87 (1.3) ▼
Malta	87 (1.8)
Portugal	87 (1.5) ▼
Slovak Republic	86 (2.6)
Qatar	86 (1.2) ▼
Croatia	85 (2.3) ▼
Saudi Arabia	85 (2.1) ▼
New Zealand	85 (1.9) ▼
United Arab Emirates	81 (0.9) ▼
Benchmarking Participants	
Quebec, Canada	96 (1.1) ▲
Moscow City, Russian Fed.	96 (0.9) ▲
Dubai, UAE	92 (0.9) ▲
British Columbia, Canada	90 (1.4)
Newfoundland & Labrador, Can.	88 (1.7)
Alberta, Canada	88 (1.4)
Abu Dhabi, UAE	72 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C07B (Marie Curie-Prize Winning Scientist): Which degrees (physics)
Multiple Choice (Key is A)

Country	Percent Full Credit
Czech Republic	94 (1.1) ▲
Singapore	94 (1.0) ▲
Russian Federation	94 (1.3) ▲
Finland	93 (1.0) ▲
Lithuania	92 (1.4) ▲
Chinese Taipei	92 (1.4) ▲
Hungary	91 (1.5) ▲
Germany	90 (1.2) ▲
Sweden	90 (1.5) ▲
Slovak Republic	90 (2.4)
Spain	89 (1.7)
Croatia	89 (2.2)
Denmark	88 (1.6)
Slovenia	87 (1.7)
International Average	**86 (0.3)**
Belgium (Flemish)	85 (2.0)
Portugal	85 (1.6)
Italy	85 (1.7)
Kazakhstan	84 (1.4)
Norway (5)	81 (2.2) ▼
Israel	80 (1.7) ▼
Malta	80 (2.1) ▼
United Arab Emirates	79 (0.8) ▼
Qatar	78 (1.8) ▼
New Zealand	77 (2.3) ▼
Saudi Arabia	76 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.7) ▲
Quebec, Canada	91 (1.7) ▲
Dubai, UAE	89 (0.9) ▲
Alberta, Canada	81 (2.3) ▼
British Columbia, Canada	80 (1.6) ▼
Newfoundland & Labrador, Can.	75 (2.3) ▼
Abu Dhabi, UAE	72 (1.7) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51C07C (Marie Curie-Prize Winning Scientist): Which degrees (medicine)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	94 (1.0) ▲
Denmark	91 (1.6) ▲
Sweden	89 (1.7) ▲
Qatar	89 (1.5) ▲
Germany	87 (1.4) ▲
Russian Federation	86 (1.8) ▲
Norway (5)	85 (1.7) ▲
Czech Republic	85 (1.5) ▲
Hungary	84 (2.1)
Slovak Republic	83 (2.2)
Malta	83 (2.7)
United Arab Emirates	82 (0.9)
International Average	**81 (0.4)**
Spain	81 (1.4)
Saudi Arabia	80 (2.5)
Finland	80 (1.9)
Kazakhstan	80 (1.6)
Lithuania	79 (1.8)
Slovenia	78 (2.1)
New Zealand	78 (1.8) ▼
Israel	78 (2.0)
Belgium (Flemish)	76 (2.7) ▼
Portugal	75 (2.0) ▼
Italy	74 (2.1) ▼
Croatia	73 (3.3) ▼
Chinese Taipei	70 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.4) ▲
Dubai, UAE	87 (1.3) ▲
Newfoundland & Labrador, Can.	82 (2.4)
Alberta, Canada	81 (2.3)
Quebec, Canada	79 (2.6)
British Columbia, Canada	78 (2.0)
Abu Dhabi, UAE	76 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C07D (Marie Curie-Prize Winning Scientist): Which degrees (mathematics)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	92 (1.0) ▲
Denmark	89 (1.7) ▲
Sweden	87 (1.8) ▲
Germany	87 (1.4) ▲
Italy	86 (1.6) ▲
Norway (5)	85 (1.7) ▲
Spain	85 (1.3) ▲
Hungary	85 (2.7) ▲
Portugal	83 (1.6)
Finland	82 (1.7)
Russian Federation	82 (1.9)
Belgium (Flemish)	81 (2.7)
Lithuania	81 (1.8)
Czech Republic	81 (1.5)
International Average	**80 (0.4)**
Malta	77 (2.5)
Slovenia	77 (2.1)
Slovak Republic	77 (3.5)
Israel	75 (2.1) ▼
New Zealand	75 (2.0) ▼
Kazakhstan	74 (1.7) ▼
Croatia	74 (2.7) ▼
Qatar	72 (2.3) ▼
United Arab Emirates	71 (0.9) ▼
Saudi Arabia	68 (2.3) ▼
Chinese Taipei	65 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.4) ▲
Dubai, UAE	81 (1.3)
Quebec, Canada	81 (2.5)
Alberta, Canada	73 (3.3)
Newfoundland & Labrador, Can.	72 (3.2) ▼
British Columbia, Canada	65 (2.5) ▼
Abu Dhabi, UAE	63 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C08 (Marie Curie-Prize Winning Scientist): Why did Marie begin to study Uranium
Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	79 (2.0) ▲
Slovak Republic	73 (3.3) ▲
Singapore	70 (1.5) ▲
Lithuania	70 (2.9) ▲
Italy	69 (2.3) ▲
Kazakhstan	69 (1.9) ▲
Czech Republic	68 (2.4) ▲
Sweden	67 (2.3)
Denmark	65 (2.3)
Germany	64 (1.6)
Croatia	64 (3.0)
International Average	**64 (0.5)**
Norway (5)	63 (2.4)
Spain	63 (2.0)
Qatar	62 (2.0)
New Zealand	62 (2.6)
Malta	62 (2.5)
Finland	61 (2.1)
Israel	61 (2.5)
Hungary	61 (2.4)
Portugal	61 (2.2)
Chinese Taipei	60 (1.9)
Slovenia	60 (2.9)
United Arab Emirates	56 (0.9) ▼
Belgium (Flemish)	51 (2.8) ▼
Saudi Arabia	50 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.3) ▲
Dubai, UAE	67 (1.3) ▲
Alberta, Canada	65 (2.9)
Newfoundland & Labrador, Can.	63 (3.8)
Quebec, Canada	62 (2.2)
British Columbia, Canada	58 (2.2) ▼
Abu Dhabi, UAE	48 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51C09 (Marie Curie-Prize Winning Scientist): What sad event happened after the Nobel Prize
Multiple Choice (Key is D)

Country	Percent Full Credit
Italy	91 (1.2) ▲
Chinese Taipei	91 (1.4) ▲
Singapore	91 (1.0) ▲
Finland	90 (1.3) ▲
Lithuania	88 (2.3) ▲
Croatia	87 (2.3) ▲
Russian Federation	84 (1.8) ▲
Hungary	83 (1.9) ▲
Portugal	82 (1.5) ▲
Czech Republic	82 (1.5) ▲
Norway (5)	81 (1.8)
Spain	81 (1.8)
New Zealand	81 (1.9)
Sweden	80 (2.0)
International Average	**79 (0.4)**
Belgium (Flemish)	78 (2.3)
Malta	78 (1.9)
Germany	76 (1.5)
Israel	73 (2.0) ▼
Slovenia	72 (2.5) ▼
Denmark	72 (2.1) ▼
Slovak Republic	71 (3.4) ▼
Kazakhstan	71 (2.0) ▼
Qatar	69 (2.2) ▼
United Arab Emirates	65 (1.1) ▼
Saudi Arabia	47 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.2) ▲
Quebec, Canada	86 (2.1) ▲
Newfoundland & Labrador, Can.	85 (2.5) ▲
Dubai, UAE	85 (1.1) ▲
Alberta, Canada	82 (2.1)
British Columbia, Canada	82 (2.2)
Abu Dhabi, UAE	55 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C10 (Marie Curie-Prize Winning Scientist): Two things Marie was the first woman to achieve
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	72 (1.6) ▲	94 (0.8) ▲
Hungary	61 (2.8) ▲	89 (1.6) ▲
Croatia	54 (2.5) ▲	91 (2.0) ▲
Sweden	54 (2.7) ▲	89 (1.6) ▲
Czech Republic	52 (2.4) ▲	90 (1.6) ▲
Slovak Republic	52 (4.0) ▲	89 (2.2) ▲
Russian Federation	51 (2.7) ▲	82 (2.5)
New Zealand	47 (2.3) ▲	84 (1.7)
Israel	47 (2.4) ▲	83 (1.9)
Norway (5)	46 (2.7)	84 (2.4)
Malta	42 (2.6)	82 (2.2)
International Average	**42 (0.5)**	**82 (0.4)**
Spain	41 (2.0)	81 (1.7)
Qatar	40 (2.7)	73 (2.1) ▼
Germany	38 (2.1)	81 (1.3)
Chinese Taipei	38 (2.4)	75 (2.1) ▼
United Arab Emirates	37 (1.3) ▼	68 (0.8) ▼
Denmark	37 (2.7)	82 (2.1)
Finland	36 (2.1) ▼	91 (1.2) ▲
Kazakhstan	34 (1.9) ▼	77 (1.7) ▼
Belgium (Flemish)	30 (2.2) ▼	78 (2.7)
Portugal	29 (2.0) ▼	84 (1.5)
Lithuania	28 (2.3) ▼	81 (1.6)
Slovenia	28 (2.4) ▼	84 (2.9)
Saudi Arabia	26 (2.6) ▼	66 (3.4) ▼
Italy	22 (2.2) ▼	70 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	58 (2.1) ▲	89 (1.4) ▲
Dubai, UAE	51 (2.2) ▲	84 (1.1)
Quebec, Canada	51 (2.7) ▲	83 (1.8)
Newfoundland & Labrador, Can.	49 (3.5) ▲	85 (2.4)
Alberta, Canada	44 (3.9)	83 (2.5)
British Columbia, Canada	42 (2.2)	82 (2.4)
Abu Dhabi, UAE	32 (1.2) ▼	57 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C11 (Marie Curie-Prize Winning Scientist): Marie's major contribution to World War I
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	79 (1.4) ▲
Czech Republic	71 (2.4) ▲
Chinese Taipei	66 (2.2) ▲
Slovenia	66 (2.8) ▲
Russian Federation	66 (2.5) ▲
New Zealand	63 (2.2) ▲
Lithuania	62 (2.2) ▲
Malta	62 (3.4)
Italy	61 (2.2) ▲
Denmark	61 (2.4)
Finland	60 (1.7)
Hungary	60 (2.8)
International Average	**57 (0.5)**
Qatar	57 (1.9)
Sweden	55 (2.7)
Norway (5)	55 (2.5)
United Arab Emirates	55 (1.0) ▼
Portugal	55 (1.8)
Slovak Republic	54 (4.1)
Israel	54 (2.4)
Spain	53 (1.8) ▼
Germany	52 (2.0) ▼
Belgium (Flemish)	46 (2.7) ▼
Croatia	43 (3.1) ▼
Kazakhstan	40 (1.8) ▼
Saudi Arabia	32 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	73 (1.7) ▲
Quebec, Canada	69 (2.1) ▲
Dubai, UAE	68 (1.4) ▲
British Columbia, Canada	62 (2.3) ▲
Newfoundland & Labrador, Can.	61 (3.3)
Alberta, Canada	57 (3.0)
Abu Dhabi, UAE	45 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C12 (Marie Curie-Prize Winning Scientist): Why were the "Little Curies" so important
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	86 (1.0) ▲
Lithuania	83 (1.8) ▲
Italy	78 (2.0) ▲
Finland	78 (1.4) ▲
Czech Republic	77 (2.1) ▲
Slovak Republic	77 (3.2) ▲
Sweden	76 (2.1) ▲
Chinese Taipei	75 (2.4) ▲
Croatia	74 (2.8)
Norway (5)	73 (2.4)
Denmark	73 (2.3)
Russian Federation	72 (2.0)
Germany	72 (1.8) ▲
New Zealand	71 (2.2)
Slovenia	69 (2.6)
International Average	**69 (0.5)**
Hungary	68 (2.3)
Malta	65 (2.3)
Portugal	64 (2.6) ▼
United Arab Emirates	60 (1.0) ▼
Israel	60 (2.5) ▼
Kazakhstan	58 (2.0) ▼
Qatar	55 (2.6) ▼
Saudi Arabia	54 (3.3) ▼
Spain	53 (2.1) ▼
Belgium (Flemish)	52 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	81 (1.7) ▲
Quebec, Canada	78 (2.0) ▲
Dubai, UAE	77 (1.3) ▲
Alberta, Canada	75 (2.2) ▲
Newfoundland & Labrador, Can.	73 (2.8)
British Columbia, Canada	73 (2.4)
Abu Dhabi, UAE	49 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C13 (Marie Curie-Prize Winning Scientist): Benefit, danger of radioactive elements (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	71 (1.5) ▲	90 (1.0) ▲
Russian Federation	61 (2.6) ▲	88 (1.6) ▲
Czech Republic	45 (2.4) ▲	82 (1.8) ▲
Italy	41 (2.2) ▲	76 (1.9) ▲
Sweden	39 (2.4) ▲	67 (2.4)
Hungary	38 (2.6)	75 (2.3) ▲
Norway (5)	37 (3.2)	66 (3.0)
New Zealand	37 (2.5)	73 (2.2)
Croatia	36 (3.0)	74 (3.1) ▲
Belgium (Flemish)	34 (2.7)	67 (3.1)
International Average	**34 (0.5)**	**68 (0.5)**
Lithuania	33 (2.8)	75 (2.3) ▲
Slovak Republic	32 (3.3)	74 (3.3)
United Arab Emirates	29 (1.1) ▼	54 (1.1) ▼
Finland	29 (1.8) ▼	71 (1.9)
Portugal	29 (1.9) ▼	59 (2.4) ▼
Malta	29 (3.1)	63 (3.4)
Germany	29 (1.9) ▼	69 (2.0)
Qatar	28 (2.9)	52 (2.6) ▼
Kazakhstan	27 (1.8) ▼	59 (2.1) ▼
Israel	26 (2.2) ▼	62 (2.3) ▼
Spain	26 (2.1) ▼	61 (2.0) ▼
Chinese Taipei	25 (2.4) ▼	74 (2.4) ▲
Denmark	24 (2.3) ▼	64 (2.6)
Slovenia	22 (2.2) ▼	69 (2.6)
Saudi Arabia	20 (3.3) ▼	48 (3.9) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	64 (2.1) ▲	94 (1.0) ▲
Dubai, UAE	43 (1.5) ▲	74 (1.5) ▲
Alberta, Canada	37 (2.9)	70 (3.1)
Quebec, Canada	35 (2.7)	74 (2.3) ▲
Newfoundland & Labrador, Can.	34 (4.0)	72 (2.6)
British Columbia, Canada	27 (2.3) ▼	71 (2.3)
Abu Dhabi, UAE	23 (1.1) ▼	43 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C13A (Marie Curie-Prize Winning Scientist): Radioactive (One benefit is)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	76 (1.4) ▲
Russian Federation	73 (2.6) ▲
Czech Republic	73 (2.4) ▲
Italy	57 (2.5) ▲
Slovak Republic	56 (4.2) ▲
Hungary	48 (2.6)
New Zealand	48 (2.7)
Sweden	47 (2.5)
Lithuania	46 (2.9)
International Average	**46 (0.5)**
Finland	46 (2.1)
Belgium (Flemish)	45 (3.1)
Croatia	44 (3.2)
Israel	43 (2.5)
Norway (5)	42 (3.2)
Portugal	41 (2.4) ▼
Kazakhstan	40 (2.1) ▼
Spain	40 (2.5) ▼
Germany	40 (2.1) ▼
Malta	38 (3.4) ▼
United Arab Emirates	38 (1.2) ▼
Saudi Arabia	37 (4.1) ▼
Slovenia	37 (2.7) ▼
Qatar	34 (2.9) ▼
Denmark	33 (2.4) ▼
Chinese Taipei	32 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.7) ▲
Quebec, Canada	52 (2.6) ▲
Dubai, UAE	49 (1.5)
Newfoundland & Labrador, Can.	48 (4.5)
Alberta, Canada	48 (2.8)
British Columbia, Canada	38 (2.8) ▼
Abu Dhabi, UAE	31 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C13B (Marie Curie-Prize Winning Scientist): Radioactive (One danger is)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	87 (1.1) ▲
Russian Federation	81 (1.8) ▲
Chinese Taipei	71 (2.5) ▲
Croatia	70 (3.4) ▲
Hungary	69 (2.8) ▲
New Zealand	67 (2.3) ▲
Lithuania	66 (2.8)
Italy	64 (2.1)
Sweden	64 (2.6)
Norway (5)	63 (3.0)
Germany	63 (1.9)
Belgium (Flemish)	62 (2.9)
Czech Republic	61 (2.7)
Finland	61 (2.4)
Slovenia	61 (2.9)
International Average	**60 (0.5)**
Slovak Republic	60 (3.3)
Malta	56 (3.3)
Denmark	56 (2.8)
Portugal	52 (2.3) ▼
Spain	51 (2.2) ▼
Israel	50 (2.6) ▼
Qatar	49 (2.8) ▼
United Arab Emirates	49 (1.1) ▼
Kazakhstan	47 (2.0) ▼
Saudi Arabia	33 (3.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	75 (1.9) ▲
Dubai, UAE	71 (1.5) ▲
Newfoundland & Labrador, Can.	64 (2.7)
British Columbia, Canada	63 (2.7)
Quebec, Canada	61 (2.6)
Alberta, Canada	60 (3.6)
Abu Dhabi, UAE	37 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C14 (Marie Curie-Prize Winning Scientist): Two difficulties she faced and overcame
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	31 (1.5) ▲	57 (1.9) ▲
Russian Federation	21 (2.4) ▲	44 (2.7) ▲
Hungary	18 (2.2) ▲	40 (3.0)
Chinese Taipei	17 (2.1) ▲	42 (2.7) ▲
Israel	16 (1.8) ▲	35 (2.4)
Norway (5)	16 (1.8)	41 (3.1) ▲
Croatia	16 (2.2)	44 (3.5) ▲
Lithuania	15 (2.1)	43 (2.9) ▲
Denmark	14 (1.7)	42 (2.4) ▲
International Average	**13 (0.3)**	**34 (0.5)**
Spain	12 (1.5)	30 (1.9) ▼
Portugal	12 (1.6)	25 (2.1) ▼
Sweden	12 (1.7)	30 (2.5) ▼
United Arab Emirates	11 (0.8)	25 (1.0) ▼
Germany	11 (1.5)	34 (2.3)
Finland	11 (1.4)	49 (3.3) ▲
New Zealand	11 (1.7)	38 (2.5)
Qatar	10 (1.5)	26 (1.9) ▼
Malta	10 (2.0)	29 (3.4)
Slovenia	9 (2.4)	35 (3.5)
Czech Republic	8 (1.5) ▼	30 (2.5)
Kazakhstan	8 (1.2) ▼	27 (1.9) ▼
Italy	7 (1.4) ▼	34 (2.4)
Slovak Republic	6 (1.3) ▼	22 (2.4) ▼
Saudi Arabia	6 (1.3) ▼	20 (2.5) ▼
Belgium (Flemish)	5 (1.2) ▼	19 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	23 (1.9) ▲	61 (2.4) ▲
Quebec, Canada	20 (1.8) ▲	41 (2.1) ▲
Dubai, UAE	19 (1.6) ▲	39 (1.8) ▲
Alberta, Canada	9 (1.7) ▼	27 (3.0) ▼
Abu Dhabi, UAE	9 (1.6) ▼	21 (1.2) ▼
Newfoundland & Labrador, Can.	9 (1.8) ▼	27 (2.6) ▼
British Columbia, Canada	8 (1.0) ▼	23 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51C15 (Marie Curie-Prize Winning Scientist): Her most important contribution
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	66 (1.6) ▲
Malta	35 (3.0) ▲
Russian Federation	35 (2.4) ▲
Czech Republic	31 (2.1) ▲
United Arab Emirates	28 (0.9) ▲
Slovak Republic	26 (2.6)
Spain	25 (1.9)
Qatar	24 (2.0)
Chinese Taipei	23 (2.3)
International Average	**23 (0.4)**
Israel	22 (1.9)
Portugal	22 (1.8)
Saudi Arabia	20 (3.0)
New Zealand	20 (1.8)
Slovenia	19 (2.5)
Hungary	19 (2.0)
Finland	18 (1.5) ▼
Kazakhstan	18 (1.9) ▼
Croatia	17 (2.5) ▼
Sweden	17 (1.9) ▼
Italy	15 (1.7) ▼
Denmark	14 (1.9) ▼
Lithuania	14 (1.8) ▼
Norway (5)	13 (1.9) ▼
Belgium (Flemish)	11 (2.1) ▼
Germany	10 (1.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	49 (2.5) ▲
Dubai, UAE	40 (1.8) ▲
Quebec, Canada	37 (2.3) ▲
Abu Dhabi, UAE	23 (1.1)
British Columbia, Canada	20 (1.7)
Alberta, Canada	20 (2.3)
Newfoundland & Labrador, Can.	18 (2.6)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P01 (Training A Deaf Polar Bear): What awoke Alaska
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	85 (1.4) ▲
Russian Federation	85 (2.8) ▲
Norway (5)	84 (2.2) ▲
Germany	83 (1.3) ▲
Lithuania	82 (2.0) ▲
Denmark	79 (2.1) ▲
Finland	78 (2.5) ▲
Hungary	77 (2.5)
Sweden	76 (2.0)
New Zealand	75 (2.1)
Spain	75 (1.9)
Italy	74 (1.9)
Croatia	73 (3.1)
International Average	**73 (0.4)**
Portugal	72 (2.4)
Qatar	72 (2.1)
Belgium (Flemish)	71 (2.1)
Malta	69 (2.5)
Czech Republic	68 (2.2) ▼
Chinese Taipei	68 (1.9) ▼
Slovenia	67 (2.8) ▼
Israel	65 (1.8) ▼
Slovak Republic	65 (3.1) ▼
Kazakhstan	62 (1.8) ▼
United Arab Emirates	61 (0.9) ▼
Saudi Arabia	54 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.3) ▲
Quebec, Canada	91 (1.2) ▲
Dubai, UAE	79 (2.0) ▲
Newfoundland & Labrador, Can.	76 (2.2)
British Columbia, Canada	76 (2.5)
Alberta, Canada	74 (3.6)
Abu Dhabi, UAE	54 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P02 (Training A Deaf Polar Bear): What does kerplunk tell you
Multiple Choice (Key is A)

Country	Percent Full Credit
Czech Republic	96 (1.1) ▲
Croatia	96 (1.4) ▲
Finland	95 (1.1) ▲
Russian Federation	95 (1.6) ▲
Italy	94 (1.1) ▲
Lithuania	93 (1.4) ▲
Norway (5)	93 (1.5) ▲
Portugal	93 (1.3) ▲
Chinese Taipei	92 (1.3) ▲
Denmark	92 (1.4) ▲
Germany	90 (1.2) ▲
Singapore	90 (1.4) ▲
Hungary	90 (1.8) ▲
Sweden	89 (2.1)
Spain	89 (1.4) ▲
Slovenia	86 (1.8)
Slovak Republic	86 (1.9)
International Average	**86 (0.3)**
Kazakhstan	86 (1.2)
Israel	85 (1.7)
Belgium (Flemish)	84 (1.9)
New Zealand	77 (1.9) ▼
Malta	72 (2.3) ▼
Saudi Arabia	64 (2.5) ▼
United Arab Emirates	64 (1.0) ▼
Qatar	62 (2.1) ▼
Benchmarking Participants	
Quebec, Canada	98 (0.5) ▲
Moscow City, Russian Fed.	97 (0.8) ▲
British Columbia, Canada	90 (1.3) ▲
Alberta, Canada	87 (2.5)
Newfoundland & Labrador, Can.	85 (1.6)
Dubai, UAE	79 (1.3) ▼
Abu Dhabi, UAE	56 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P03 (Training A Deaf Polar Bear): How Alaska is different
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	80 (1.5) ▲	95 (1.0) ▲
Sweden	76 (2.0) ▲	94 (1.1) ▲
Croatia	76 (3.3) ▲	91 (2.5)
Lithuania	72 (2.3) ▲	90 (1.9)
Russian Federation	69 (3.8) ▲	91 (2.0) ▲
Spain	67 (1.9) ▲	94 (1.1) ▲
Norway (5)	64 (2.5)	93 (1.5) ▲
Denmark	64 (2.4)	94 (1.3) ▲
Finland	63 (2.5)	95 (1.5) ▲
Germany	63 (1.8)	92 (1.0) ▲
Slovenia	62 (2.3)	90 (1.4) ▲
Hungary	61 (2.6)	88 (1.8)
Italy	60 (2.5)	91 (1.2) ▲
International Average	**60 (0.5)**	**87 (0.3)**
Belgium (Flemish)	60 (2.6)	89 (1.5)
Malta	59 (3.5)	85 (2.2)
Israel	58 (2.3)	84 (1.4) ▼
New Zealand	57 (2.2)	86 (1.8)
Slovak Republic	57 (3.0)	85 (2.4)
Chinese Taipei	57 (2.2)	93 (1.6) ▲
Czech Republic	56 (2.3)	85 (1.8)
Kazakhstan	51 (2.1) ▼	76 (1.6) ▼
Portugal	48 (2.3) ▼	91 (1.5) ▲
Qatar	42 (1.9) ▼	69 (2.0) ▼
United Arab Emirates	41 (0.8) ▼	67 (0.9) ▼
Saudi Arabia	34 (2.4) ▼	68 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (2.2) ▲	96 (1.1) ▲
British Columbia, Canada	70 (2.3) ▲	95 (0.7) ▲
Alberta, Canada	69 (3.6) ▲	89 (2.6)
Quebec, Canada	68 (2.5) ▲	97 (0.8) ▲
Newfoundland & Labrador, Can.	63 (3.1)	89 (1.7)
Dubai, UAE	62 (1.5)	90 (0.8) ▲
Abu Dhabi, UAE	33 (1.2) ▼	55 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P04 (Training A Deaf Polar Bear): Where Alaska lived before zoo
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	89 (2.3) ▲
Singapore	89 (1.4) ▲
Croatia	87 (2.0) ▲
Norway (5)	87 (1.9) ▲
Sweden	85 (1.8) ▲
Lithuania	84 (2.0) ▲
Finland	84 (1.8) ▲
Portugal	81 (2.3)
Czech Republic	81 (1.8)
Spain	81 (1.8)
Italy	80 (2.1)
Denmark	80 (1.9)
Hungary	80 (2.5)
Slovak Republic	79 (2.5)
Germany	79 (1.5)
International Average	**79 (0.4)**
Chinese Taipei	78 (2.0)
New Zealand	78 (1.9)
Malta	77 (2.7)
Slovenia	77 (2.5)
Israel	76 (2.1)
Belgium (Flemish)	74 (2.3)
Kazakhstan	69 (2.2) ▼
Qatar	67 (1.9) ▼
United Arab Emirates	66 (1.0) ▼
Saudi Arabia	54 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.2) ▲
Quebec, Canada	85 (1.4) ▲
Dubai, UAE	81 (1.9)
British Columbia, Canada	77 (2.5)
Newfoundland & Labrador, Can.	75 (2.6)
Alberta, Canada	73 (2.8)
Abu Dhabi, UAE	57 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P05 (Training A Deaf Polar Bear): How being deaf helped
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	94 (1.4) ▲
Singapore	93 (1.1) ▲
Finland	87 (1.3) ▲
Lithuania	86 (1.8) ▲
Croatia	86 (1.9) ▲
Kazakhstan	84 (1.5) ▲
Norway (5)	83 (2.0) ▲
Italy	82 (1.8)
New Zealand	82 (1.7)
Sweden	82 (2.4)
Spain	81 (1.7)
Slovenia	80 (2.0)
Slovak Republic	80 (2.3)
Germany	80 (1.5)
Chinese Taipei	79 (1.8)
International Average	**79 (0.4)**
Hungary	78 (2.4)
Denmark	78 (2.1)
Czech Republic	76 (1.7)
Portugal	76 (2.4)
Israel	75 (2.1) ▼
Malta	73 (3.0) ▼
Belgium (Flemish)	67 (2.7) ▼
Qatar	66 (2.3) ▼
United Arab Emirates	64 (0.9) ▼
Saudi Arabia	59 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.0) ▲
British Columbia, Canada	88 (1.8) ▲
Alberta, Canada	86 (2.4) ▲
Quebec, Canada	85 (1.9) ▲
Dubai, UAE	84 (1.2) ▲
Newfoundland & Labrador, Can.	83 (1.6) ▲
Abu Dhabi, UAE	56 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE31P06 (Training A Deaf Polar Bear): Where wild polar bears live
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	93 (1.1) ▲
Chinese Taipei	93 (1.4) ▲
Belgium (Flemish)	88 (1.7) ▲
Finland	87 (1.7) ▲
Sweden	87 (1.8) ▲
Russian Federation	85 (2.6) ▲
Malta	85 (2.1) ▲
Denmark	84 (1.7) ▲
Norway (5)	84 (1.9) ▲
Hungary	84 (2.3) ▲
Czech Republic	82 (1.4) ▲
Lithuania	81 (2.0)
International Average	**78 (0.4)**
New Zealand	77 (2.2)
Kazakhstan	76 (1.5)
Germany	76 (1.9)
Israel	75 (2.0)
Qatar	75 (1.8)
Portugal	75 (2.1)
Saudi Arabia	74 (2.7)
Italy	73 (2.2) ▼
United Arab Emirates	71 (1.1) ▼
Slovak Republic	66 (3.1) ▼
Slovenia	64 (2.2) ▼
Spain	62 (2.1) ▼
Croatia	59 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.9) ▲
Dubai, UAE	87 (1.0) ▲
Alberta, Canada	81 (2.8)
Quebec, Canada	80 (1.5)
British Columbia, Canada	79 (2.3)
Newfoundland & Labrador, Can.	76 (2.8)
Abu Dhabi, UAE	61 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P07 (Training A Deaf Polar Bear): Why Alaska has never seen snow
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	75 (1.8) ▲
Norway (5)	70 (2.6) ▲
Russian Federation	67 (3.4) ▲
Sweden	66 (2.5) ▲
Lithuania	61 (2.4) ▲
Chinese Taipei	61 (2.6) ▲
Slovenia	59 (2.8)
Denmark	59 (2.5) ▲
Croatia	59 (3.6)
Italy	56 (2.4)
Czech Republic	54 (2.0)
Kazakhstan	54 (2.3)
International Average	**54 (0.5)**
Israel	53 (2.4)
Hungary	51 (2.9)
Finland	50 (2.1)
New Zealand	48 (2.0) ▼
Portugal	48 (2.0) ▼
Germany	48 (1.9) ▼
Slovak Republic	48 (3.0) ▼
Spain	47 (2.4) ▼
United Arab Emirates	47 (0.9) ▼
Qatar	46 (1.9) ▼
Malta	45 (3.0) ▼
Belgium (Flemish)	43 (2.5) ▼
Saudi Arabia	35 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (2.2) ▲
Quebec, Canada	66 (2.2) ▲
Dubai, UAE	64 (1.9) ▲
British Columbia, Canada	59 (2.4)
Alberta, Canada	56 (3.3)
Newfoundland & Labrador, Can.	52 (4.5)
Abu Dhabi, UAE	39 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P08 (Training A Deaf Polar Bear): What Alaska did when she saw snow
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	94 (1.7) ▲
Lithuania	91 (1.5) ▲
Chinese Taipei	90 (1.4) ▲
Denmark	90 (1.4) ▲
Croatia	89 (2.1) ▲
Singapore	89 (1.3) ▲
Norway (5)	86 (1.7) ▲
Sweden	85 (2.3) ▲
Kazakhstan	83 (1.4) ▲
Slovenia	83 (2.0)
Slovak Republic	83 (1.8)
Finland	82 (1.8)
New Zealand	81 (1.7)
Germany	81 (1.7)
Czech Republic	80 (1.6)
International Average	**80 (0.4)**
Italy	78 (2.1)
Malta	74 (2.8) ▼
Israel	74 (2.3) ▼
Belgium (Flemish)	74 (2.4) ▼
Hungary	73 (2.7) ▼
Portugal	73 (1.9) ▼
Spain	70 (1.9) ▼
Qatar	67 (1.8) ▼
United Arab Emirates	64 (1.0) ▼
Saudi Arabia	59 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.0) ▲
Quebec, Canada	90 (1.4) ▲
Alberta, Canada	86 (2.3) ▲
British Columbia, Canada	85 (2.1) ▲
Newfoundland & Labrador, Can.	82 (2.1)
Dubai, UAE	80 (1.8)
Abu Dhabi, UAE	57 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P09 (Training A Deaf Polar Bear): What is Alaska's favorite thing
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	86 (1.5) ▲
Lithuania	81 (2.0) ▲
Chinese Taipei	79 (2.3) ▲
Denmark	78 (2.0) ▲
Norway (5)	76 (2.2) ▲
Russian Federation	75 (2.7) ▲
Sweden	74 (2.3) ▲
Croatia	72 (2.8)
New Zealand	71 (2.3)
Czech Republic	71 (2.0)
Finland	70 (1.8)
International Average	**69 (0.5)**
Germany	69 (2.2)
Slovak Republic	68 (3.2)
Hungary	68 (2.8)
Malta	66 (3.2)
Kazakhstan	66 (2.1)
Israel	66 (2.3)
Qatar	64 (1.8) ▼
Belgium (Flemish)	64 (2.8)
Italy	63 (2.4) ▼
United Arab Emirates	62 (0.8) ▼
Portugal	61 (2.0) ▼
Spain	60 (2.0) ▼
Slovenia	57 (3.0) ▼
Saudi Arabia	56 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.8) ▲
Quebec, Canada	79 (1.8) ▲
Dubai, UAE	78 (1.4) ▲
British Columbia, Canada	73 (2.4)
Alberta, Canada	71 (3.1)
Newfoundland & Labrador, Can.	66 (2.8)
Abu Dhabi, UAE	56 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P10 (Training A Deaf Polar Bear): Why trainers needed to train Alaska
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	87 (2.8) ▲
Denmark	84 (1.9) ▲
Croatia	83 (2.2) ▲
Singapore	82 (1.5) ▲
Finland	81 (1.7) ▲
Chinese Taipei	80 (2.2) ▲
Italy	80 (2.3) ▲
New Zealand	79 (2.0) ▲
Lithuania	78 (2.1)
Spain	78 (1.9)
Germany	77 (1.7)
Sweden	76 (2.3)
Norway (5)	76 (2.0)
Czech Republic	75 (1.8)
International Average	**75 (0.4)**
Hungary	74 (2.5)
Slovenia	73 (2.7)
Belgium (Flemish)	73 (2.5)
Portugal	73 (1.9)
Israel	73 (2.2)
Slovak Republic	71 (3.0)
Kazakhstan	70 (1.6) ▼
Malta	66 (2.0) ▼
Qatar	63 (2.2) ▼
United Arab Emirates	63 (0.9) ▼
Saudi Arabia	51 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.5) ▲
Quebec, Canada	88 (1.4) ▲
British Columbia, Canada	82 (2.1) ▲
Dubai, UAE	77 (1.2) ▲
Alberta, Canada	76 (2.5)
Newfoundland & Labrador, Can.	75 (3.2)
Abu Dhabi, UAE	53 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P11 (Training A Deaf Polar Bear): 2 things to teach Alaska
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	71 (2.0) ▲	79 (1.7) ▲
Russian Federation	71 (3.7) ▲	79 (3.2) ▲
Czech Republic	66 (1.6) ▲	73 (1.7) ▲
Finland	64 (1.8) ▲	74 (1.7) ▲
Hungary	64 (2.9) ▲	71 (2.8) ▲
Denmark	61 (2.5) ▲	71 (2.4) ▲
Slovak Republic	61 (3.1) ▲	70 (2.9) ▲
Lithuania	60 (2.3) ▲	72 (2.2) ▲
Italy	59 (2.6) ▲	69 (2.6) ▲
Croatia	58 (4.0)	76 (3.3) ▲
Sweden	58 (2.8) ▲	71 (2.5) ▲
New Zealand	56 (2.4)	67 (2.4)
Norway (5)	54 (2.6)	67 (2.3) ▲
Portugal	53 (2.5)	64 (2.3)
International Average	**52 (0.5)**	**63 (0.5)**
Germany	51 (2.2)	65 (1.9)
Malta	50 (3.1)	57 (3.1) ▼
Belgium (Flemish)	47 (2.5)	61 (2.6)
Israel	43 (2.6) ▼	59 (2.6)
Chinese Taipei	42 (2.6) ▼	51 (2.5) ▼
Spain	41 (1.9) ▼	48 (1.8) ▼
United Arab Emirates	38 (0.9) ▼	48 (1.0) ▼
Slovenia	38 (2.6) ▼	47 (2.5) ▼
Qatar	37 (2.3) ▼	48 (2.2) ▼
Kazakhstan	30 (1.9) ▼	50 (2.2) ▼
Saudi Arabia	23 (2.7) ▼	35 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	80 (2.2) ▲	88 (1.8) ▲
Quebec, Canada	60 (2.1) ▲	69 (2.2) ▲
Alberta, Canada	59 (3.4)	70 (3.4)
Dubai, UAE	55 (2.4)	66 (2.4)
British Columbia, Canada	52 (2.6)	65 (2.6)
Newfoundland & Labrador, Can.	48 (3.3)	59 (3.3)
Abu Dhabi, UAE	31 (1.2) ▼	38 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P12 (Training A Deaf Polar Bear): What clicker tells animals
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	71 (2.0) ▲
Norway (5)	68 (2.7) ▲
Czech Republic	66 (2.4) ▲
Denmark	63 (2.3) ▲
Spain	62 (2.2) ▲
Portugal	60 (2.2) ▲
Finland	60 (2.6) ▲
Slovak Republic	59 (3.0)
Italy	58 (2.3)
Croatia	58 (3.0)
Germany	57 (2.2)
Lithuania	56 (2.4)
Belgium (Flemish)	56 (3.0)
Chinese Taipei	56 (2.6)
Israel	56 (2.3)
International Average	**55 (0.5)**
Russian Federation	54 (3.1)
Malta	54 (3.2)
New Zealand	54 (2.4)
Hungary	53 (2.9)
Kazakhstan	50 (2.3)
Sweden	46 (2.9) ▼
United Arab Emirates	45 (1.0) ▼
Qatar	43 (3.1) ▼
Slovenia	41 (2.6) ▼
Saudi Arabia	21 (2.5) ▼
Benchmarking Participants	
Quebec, Canada	65 (2.3) ▲
Alberta, Canada	65 (3.2) ▲
Dubai, UAE	62 (1.6) ▲
British Columbia, Canada	61 (2.9) ▲
Moscow City, Russian Fed.	61 (2.8) ▲
Newfoundland & Labrador, Can.	57 (2.9)
Abu Dhabi, UAE	37 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P13 (Training A Deaf Polar Bear): What was used instead of clicker
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	86 (1.4) ▲
Chinese Taipei	83 (1.7) ▲
Slovak Republic	82 (2.2) ▲
Sweden	81 (2.5) ▲
Russian Federation	81 (2.6) ▲
Denmark	79 (1.9) ▲
Finland	78 (2.1) ▲
Norway (5)	78 (2.6) ▲
Czech Republic	78 (2.0) ▲
Italy	75 (2.1)
Croatia	74 (2.8)
Germany	73 (1.9)
New Zealand	73 (2.3)
International Average	**71 (0.5)**
Lithuania	70 (2.4)
Belgium (Flemish)	68 (2.6)
Portugal	68 (2.2)
Hungary	68 (2.5)
Malta	67 (3.2)
Spain	65 (2.1) ▼
Slovenia	64 (2.9) ▼
Kazakhstan	62 (2.2) ▼
Qatar	61 (2.3) ▼
Israel	58 (2.4) ▼
Saudi Arabia	52 (2.6) ▼
United Arab Emirates	51 (0.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.2) ▲
Quebec, Canada	80 (2.1) ▲
Alberta, Canada	77 (3.1)
British Columbia, Canada	76 (2.5) ▲
Dubai, UAE	72 (1.9)
Newfoundland & Labrador, Can.	71 (3.1)
Abu Dhabi, UAE	41 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P14 (Training A Deaf Polar Bear): Order steps of game (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	71 (2.0) ▲
Chinese Taipei	70 (2.2) ▲
Czech Republic	63 (2.1) ▲
Lithuania	61 (2.5) ▲
Finland	60 (2.3) ▲
Sweden	58 (2.9)
Germany	56 (2.0)
Italy	56 (2.4)
Russian Federation	56 (2.7)
Denmark	55 (2.1)
Spain	54 (1.8)
Hungary	53 (2.6)
Slovak Republic	53 (3.0)
International Average	**53 (0.5)**
Slovenia	52 (3.2)
Croatia	52 (3.8)
Norway (5)	52 (2.8)
Malta	49 (4.3)
New Zealand	48 (2.5) ▼
Portugal	48 (2.6) ▼
Qatar	47 (2.7) ▼
Kazakhstan	47 (2.1) ▼
Belgium (Flemish)	43 (2.6) ▼
United Arab Emirates	43 (0.8) ▼
Israel	42 (2.4) ▼
Saudi Arabia	33 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	72 (2.4) ▲
Dubai, UAE	57 (1.5) ▲
Quebec, Canada	55 (2.6)
British Columbia, Canada	55 (2.6)
Alberta, Canada	53 (2.9)
Newfoundland & Labrador, Can.	47 (3.2)
Abu Dhabi, UAE	40 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P14A (Training A Deaf Polar Bear): Order steps of game (flash the light)
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	76 (1.9) ▲
Singapore	73 (1.9) ▲
Czech Republic	68 (2.0) ▲
Lithuania	66 (2.5) ▲
Finland	64 (2.4) ▲
Hungary	63 (2.5)
Slovak Republic	63 (2.9)
Italy	62 (2.4)
Germany	62 (2.1)
Russian Federation	61 (3.2)
Sweden	61 (3.0)
Spain	60 (1.8)
Croatia	60 (3.6)
Denmark	60 (2.3)
Norway (5)	59 (2.8)
International Average	**59 (0.5)**
Slovenia	56 (3.3)
New Zealand	55 (2.5)
Portugal	55 (2.6)
Kazakhstan	54 (2.2) ▼
Malta	54 (4.2)
Qatar	52 (2.6) ▼
United Arab Emirates	50 (0.9) ▼
Israel	50 (2.5) ▼
Belgium (Flemish)	50 (2.4) ▼
Saudi Arabia	44 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (2.2) ▲
Dubai, UAE	61 (1.3)
British Columbia, Canada	60 (2.6)
Quebec, Canada	60 (2.2)
Alberta, Canada	58 (2.8)
Newfoundland & Labrador, Can.	53 (3.0)
Abu Dhabi, UAE	49 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE31P14C (Training A Deaf Polar Bear): Order steps of game (touches ball with nose)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	75 (2.0) ▲
Chinese Taipei	75 (2.3) ▲
Germany	74 (1.7) ▲
Sweden	74 (2.3) ▲
Finland	72 (2.0) ▲
Czech Republic	71 (2.1) ▲
Lithuania	70 (2.4)
Italy	68 (2.3)
Slovak Republic	67 (2.7)
Denmark	66 (2.1)
Russian Federation	66 (2.7)
International Average	**65 (0.5)**
Spain	65 (1.7)
Slovenia	65 (2.9)
Norway (5)	65 (2.6)
Malta	65 (3.7)
Kazakhstan	64 (2.2)
Hungary	64 (2.6)
Belgium (Flemish)	64 (2.9)
Portugal	64 (2.3)
Qatar	61 (2.2) ▼
New Zealand	60 (2.2) ▼
Croatia	60 (4.0)
United Arab Emirates	58 (0.9) ▼
Israel	57 (2.5) ▼
Saudi Arabia	50 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (2.2) ▲
Dubai, UAE	68 (1.3) ▲
British Columbia, Canada	68 (2.6)
Newfoundland & Labrador, Can.	63 (3.8)
Alberta, Canada	63 (2.4)
Quebec, Canada	62 (2.2)
Abu Dhabi, UAE	55 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE31P14D (Training A Deaf Polar Bear): Order steps of game (throw her a fish)
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	89 (1.4) ▲
Chinese Taipei	84 (1.8) ▲
Czech Republic	77 (1.7) ▲
Lithuania	75 (2.4) ▲
Finland	72 (2.2) ▲
Croatia	71 (2.8)
Sweden	69 (2.8)
Slovenia	67 (2.6)
Denmark	67 (2.1)
Germany	66 (2.1)
Italy	66 (2.2)
Russian Federation	66 (2.7)
International Average	**66 (0.5)**
Slovak Republic	66 (3.0)
New Zealand	66 (2.2)
Spain	65 (1.8)
Hungary	63 (2.7)
Qatar	61 (2.6)
Malta	61 (3.6)
United Arab Emirates	60 (0.9) ▼
Norway (5)	60 (2.7) ▼
Israel	58 (2.4) ▼
Portugal	57 (2.5) ▼
Kazakhstan	56 (2.3) ▼
Belgium (Flemish)	54 (2.7) ▼
Saudi Arabia	53 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	78 (2.2) ▲
Dubai, UAE	73 (1.2) ▲
Quebec, Canada	73 (2.7) ▲
Alberta, Canada	70 (2.2)
British Columbia, Canada	68 (2.3)
Newfoundland & Labrador, Can.	63 (2.9)
Abu Dhabi, UAE	55 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H01 (Hungry Plant): What is the fly looking for
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	98 (0.4) ▲
Croatia	98 (0.8) ▲
Chinese Taipei	96 (0.9) ▲
Singapore	96 (0.9) ▲
Czech Republic	95 (0.8) ▲
Sweden	95 (1.1) ▲
Lithuania	95 (1.0) ▲
Israel	95 (1.0) ▲
Kazakhstan	94 (0.8) ▲
Germany	94 (1.0)
Slovak Republic	93 (1.4)
Spain	93 (0.8)
Belgium (Flemish)	92 (1.5)
International Average	**92 (0.3)**
Denmark	92 (1.6)
Slovenia	92 (1.3)
Hungary	92 (1.6)
Portugal	92 (1.0)
Russian Federation	92 (2.0)
Norway (5)	92 (1.4)
Italy	91 (1.5)
New Zealand	89 (1.2) ▼
Malta	89 (2.1)
Qatar	87 (1.5) ▼
United Arab Emirates	83 (0.5) ▼
Saudi Arabia	81 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.9) ▲
Quebec, Canada	96 (1.0) ▲
Dubai, UAE	94 (0.7)
British Columbia, Canada	94 (0.7)
Alberta, Canada	93 (1.7)
Newfoundland & Labrador, Can.	90 (2.2)
Abu Dhabi, UAE	73 (0.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H02 (Hungry Plant): Where does the sweet smell come from
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	98 (0.8) ▲
Chinese Taipei	96 (1.1) ▲
Lithuania	95 (0.8) ▲
Italy	95 (1.0) ▲
Singapore	95 (0.8) ▲
Czech Republic	94 (1.1) ▲
Slovak Republic	94 (1.3) ▲
Russian Federation	92 (2.2)
Hungary	92 (1.7)
Norway (5)	91 (1.5)
Sweden	91 (1.4)
Malta	90 (2.0)
Denmark	89 (1.4)
International Average	**89 (0.3)**
Kazakhstan	89 (1.3)
Germany	89 (1.2)
Finland	87 (1.8)
New Zealand	86 (1.5) ▼
Spain	86 (1.4) ▼
Portugal	85 (1.7) ▼
Qatar	85 (1.8) ▼
Slovenia	85 (2.5)
Belgium (Flemish)	85 (1.8) ▼
Israel	84 (1.6) ▼
United Arab Emirates	80 (0.6) ▼
Saudi Arabia	75 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.8) ▲
British Columbia, Canada	93 (1.1) ▲
Quebec, Canada	91 (1.5)
Dubai, UAE	90 (0.9)
Alberta, Canada	89 (1.6)
Newfoundland & Labrador, Can.	88 (1.3)
Abu Dhabi, UAE	71 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H03 (Hungry Plant): Why does it say "closer" three times
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	76 (1.7) ▲
Chinese Taipei	73 (2.3) ▲
Finland	70 (2.3) ▲
Denmark	70 (2.2) ▲
Croatia	69 (3.1) ▲
New Zealand	68 (2.0) ▲
Russian Federation	65 (3.5)
Italy	64 (2.1) ▲
Spain	64 (2.0) ▲
Malta	63 (2.9)
Norway (5)	62 (2.3)
Hungary	61 (2.5)
Germany	60 (2.1)
Belgium (Flemish)	60 (2.8)
Slovenia	59 (2.8)
International Average	**59 (0.5)**
Israel	58 (2.3)
Czech Republic	56 (2.3)
Qatar	54 (2.2)
Lithuania	54 (3.3)
United Arab Emirates	51 (0.8) ▼
Sweden	51 (2.7) ▼
Slovak Republic	50 (2.9) ▼
Portugal	37 (2.0) ▼
Saudi Arabia	36 (2.8) ▼
Kazakhstan	32 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	81 (2.3) ▲
Alberta, Canada	75 (2.3) ▲
Quebec, Canada	70 (2.4) ▲
Dubai, UAE	68 (1.3) ▲
British Columbia, Canada	66 (2.5) ▲
Newfoundland & Labrador, Can.	62 (3.1)
Abu Dhabi, UAE	45 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H04 (Hungry Plant): What does the plan do when the fly crawls on leaf
Multiple Choice (Key is A)

Country	Percent Full Credit
Slovenia	95 (1.0) ▲
Lithuania	95 (1.2) ▲
Chinese Taipei	95 (1.2) ▲
Denmark	93 (1.3) ▲
Sweden	93 (1.4) ▲
Singapore	92 (1.0) ▲
Finland	92 (1.5) ▲
Russian Federation	92 (2.0)
Italy	92 (1.5) ▲
Slovak Republic	92 (1.4) ▲
Czech Republic	92 (1.3) ▲
Norway (5)	91 (1.4) ▲
Croatia	91 (1.9)
Germany	89 (1.2)
Malta	89 (2.0)
Spain	89 (1.6)
Hungary	88 (1.7)
International Average	**88 (0.3)**
Kazakhstan	88 (1.2)
Israel	87 (1.8)
Belgium (Flemish)	86 (2.0)
New Zealand	85 (2.4)
United Arab Emirates	80 (0.8) ▼
Qatar	78 (1.9) ▼
Saudi Arabia	72 (2.4) ▼
Portugal	68 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (1.0) ▲
Dubai, UAE	91 (0.6) ▲
Newfoundland & Labrador, Can.	91 (2.1)
Quebec, Canada	90 (1.1)
British Columbia, Canada	90 (1.2)
Alberta, Canada	90 (1.8)
Abu Dhabi, UAE	72 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H05 (Hungry Plant): What will the plant do to the fly
Multiple Choice (Key is B)

Country	Percent Full Credit
Lithuania	98 (0.8) ▲
Czech Republic	98 (0.8) ▲
Croatia	97 (0.8) ▲
Chinese Taipei	97 (1.0) ▲
Slovenia	97 (1.1) ▲
Singapore	97 (0.5) ▲
Norway (5)	97 (0.9) ▲
Finland	97 (1.0) ▲
Sweden	97 (0.8) ▲
New Zealand	97 (1.1) ▲
Germany	96 (0.6) ▲
Italy	95 (1.0)
Malta	95 (1.4)
Hungary	95 (1.3)
Belgium (Flemish)	95 (1.4)
Russian Federation	95 (2.0)
Spain	94 (1.3)
International Average	**94 (0.2)**
Denmark	94 (1.0)
Israel	94 (1.1)
Slovak Republic	93 (1.2)
Kazakhstan	90 (1.1) ▼
Portugal	88 (1.2) ▼
Qatar	87 (1.1) ▼
United Arab Emirates	82 (0.5) ▼
Saudi Arabia	78 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	100 (0.4) ▲
British Columbia, Canada	98 (0.3) ▲
Quebec, Canada	98 (0.6) ▲
Alberta, Canada	97 (1.5) ▲
Newfoundland & Labrador, Can.	97 (1.2) ▲
Dubai, UAE	94 (0.6)
Abu Dhabi, UAE	73 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41H06 (Hungry Plant): How many types of insect-eating plants are there
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	92 (1.3) ▲
Sweden	86 (1.9) ▲
Russian Federation	86 (2.4) ▲
Kazakhstan	85 (1.5) ▲
Finland	84 (1.9) ▲
Lithuania	84 (1.9) ▲
Spain	83 (1.5) ▲
Croatia	83 (2.4)
Denmark	83 (2.0)
Norway (5)	83 (2.1)
Slovak Republic	82 (2.2)
Czech Republic	82 (1.6)
Singapore	82 (1.5)
Israel	81 (1.6)
International Average	**79 (0.4)**
Portugal	79 (1.4)
Belgium (Flemish)	79 (2.2)
Germany	79 (1.7)
Italy	76 (2.3)
Hungary	75 (2.6)
Slovenia	74 (2.7) ▼
Malta	74 (3.0)
Qatar	73 (1.9) ▼
New Zealand	69 (2.6) ▼
Saudi Arabia	66 (2.5) ▼
United Arab Emirates	63 (0.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.4) ▲
Quebec, Canada	89 (1.3) ▲
Dubai, UAE	77 (1.3)
British Columbia, Canada	69 (2.3) ▼
Alberta, Canada	69 (3.2) ▼
Newfoundland & Labrador, Can.	67 (3.2) ▼
Abu Dhabi, UAE	55 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H07 (Hungry Plant): Why do insect-eating plants need to eat bugs
Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	84 (1.8) ▲
Singapore	84 (1.6) ▲
New Zealand	81 (2.3) ▲
Lithuania	79 (2.3) ▲
Denmark	78 (1.6) ▲
Italy	77 (1.9) ▲
Finland	77 (2.0) ▲
Norway (5)	77 (2.1)
Croatia	76 (2.7)
Sweden	75 (2.2)
Czech Republic	74 (2.2)
Slovak Republic	74 (2.6)
Kazakhstan	74 (1.9)
Russian Federation	73 (3.3)
International Average	**73 (0.4)**
Germany	72 (1.7)
Spain	71 (1.8)
Portugal	71 (1.8)
Malta	68 (2.8)
Hungary	68 (2.5) ▼
Belgium (Flemish)	67 (2.2) ▼
Qatar	67 (2.3) ▼
Slovenia	66 (2.6) ▼
United Arab Emirates	65 (0.9) ▼
Israel	60 (2.4) ▼
Saudi Arabia	57 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.7) ▲
Quebec, Canada	85 (1.8) ▲
Dubai, UAE	83 (1.0) ▲
Alberta, Canada	79 (2.6) ▲
British Columbia, Canada	77 (1.9) ▲
Newfoundland & Labrador, Can.	73 (2.4)
Abu Dhabi, UAE	56 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H08 (Hungry Plant): Why do insect-eating plants need to use tricks
Multiple Choice (Key is C)

Country	Percent Full Credit
Germany	87 (1.7) ▲
Singapore	85 (1.5) ▲
Chinese Taipei	85 (1.8) ▲
Sweden	84 (1.9) ▲
Finland	83 (1.9) ▲
Russian Federation	83 (2.2) ▲
Spain	82 (1.3) ▲
Italy	82 (1.9) ▲
Hungary	79 (2.1) ▲
Slovak Republic	79 (2.6)
Denmark	78 (2.4)
Lithuania	76 (2.0)
New Zealand	76 (1.9)
Croatia	75 (2.8)
International Average	**74 (0.4)**
Czech Republic	73 (2.2)
Norway (5)	73 (2.3)
Israel	71 (2.0)
Malta	70 (2.5)
Belgium (Flemish)	70 (2.5)
Portugal	66 (2.1) ▼
Slovenia	64 (2.4) ▼
United Arab Emirates	64 (0.9) ▼
Kazakhstan	63 (2.4) ▼
Qatar	58 (2.2) ▼
Saudi Arabia	50 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.4) ▲
British Columbia, Canada	84 (1.6) ▲
Alberta, Canada	84 (2.2) ▲
Newfoundland & Labrador, Can.	83 (2.2) ▲
Dubai, UAE	81 (1.0) ▲
Quebec, Canada	74 (1.9)
Abu Dhabi, UAE	56 (1.3) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41H09 (Hungry Plant): What do the leaves of the Venus Flytrap have
Multiple Choice (Key is D)

Country	Percent Full Credit
Finland	92 (1.2) ▲
Chinese Taipei	91 (1.5) ▲
Lithuania	89 (1.5) ▲
Italy	89 (1.5) ▲
Sweden	88 (1.6) ▲
Norway (5)	88 (1.7) ▲
Singapore	87 (1.5) ▲
Russian Federation	87 (2.8) ▲
Hungary	87 (1.8) ▲
Spain	87 (1.4) ▲
Denmark	86 (1.8) ▲
Slovenia	84 (1.8)
Germany	84 (1.4)
Belgium (Flemish)	83 (1.9)
International Average	**81 (0.4)**
Czech Republic	81 (1.8)
Malta	79 (2.8)
New Zealand	78 (1.9)
Kazakhstan	75 (1.7) ▼
Qatar	74 (2.4) ▼
Croatia	72 (3.0) ▼
Saudi Arabia	72 (2.3) ▼
Israel	71 (1.9) ▼
Portugal	66 (1.9) ▼
United Arab Emirates	63 (0.9) ▼
Slovak Republic	– –
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.5) ▲
Quebec, Canada	84 (1.6)
British Columbia, Canada	82 (1.9)
Alberta, Canada	80 (2.8)
Dubai, UAE	79 (0.9) ▼
Newfoundland & Labrador, Can.	70 (2.1) ▼
Abu Dhabi, UAE	52 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

RE41H10 (Hungry Plant): Why does it say the trap is like the nail of thumb
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	83 (1.4) ▲
Lithuania	80 (2.1) ▲
Russian Federation	78 (2.4) ▲
Chinese Taipei	77 (1.9) ▲
Germany	76 (1.8) ▲
Finland	76 (2.2) ▲
Denmark	75 (2.0) ▲
New Zealand	75 (1.8) ▲
Hungary	75 (2.3)
Norway (5)	74 (2.1)
Spain	74 (1.8) ▲
Slovenia	73 (2.8)
Italy	73 (2.1)
International Average	**70 (0.4)**
Sweden	70 (2.8)
Qatar	70 (1.9)
Malta	69 (2.9)
Czech Republic	68 (2.2)
Slovak Republic	68 (2.3)
Croatia	65 (2.8) ▼
Belgium (Flemish)	65 (2.7) ▼
Israel	64 (2.0) ▼
United Arab Emirates	62 (0.9) ▼
Portugal	61 (2.1) ▼
Saudi Arabia	56 (2.8) ▼
Kazakhstan	52 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (2.0) ▲
Alberta, Canada	81 (2.5) ▲
Quebec, Canada	77 (2.2) ▲
Dubai, UAE	75 (1.5) ▲
British Columbia, Canada	75 (2.1) ▲
Newfoundland & Labrador, Can.	74 (2.4)
Abu Dhabi, UAE	57 (1.3) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41H11 (Hungry Plant): What does the insect see that makes it go to plant
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	74 (2.2) ▲
Lithuania	74 (2.0) ▲
Croatia	74 (2.8) ▲
Italy	73 (2.0) ▲
Hungary	72 (2.4) ▲
Finland	72 (2.0) ▲
Russian Federation	71 (2.7) ▲
Sweden	71 (2.6) ▲
Slovenia	67 (2.5)
Singapore	67 (2.0) ▲
Czech Republic	65 (2.1)
Denmark	65 (2.2)
Slovak Republic	64 (2.8)
Israel	63 (2.1)
Germany	63 (2.1)
International Average	**63 (0.5)**
Norway (5)	63 (2.5)
Belgium (Flemish)	63 (2.4)
Spain	60 (1.9)
Portugal	59 (2.3) ▼
Kazakhstan	57 (1.9) ▼
Malta	56 (2.8) ▼
New Zealand	55 (2.6) ▼
Qatar	48 (2.7) ▼
United Arab Emirates	44 (1.2) ▼
Saudi Arabia	39 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (2.0) ▲
Quebec, Canada	66 (1.9)
Dubai, UAE	60 (1.5)
Alberta, Canada	59 (3.5)
British Columbia, Canada	51 (2.3) ▼
Newfoundland & Labrador, Can.	45 (3.1) ▼
Abu Dhabi, UAE	35 (1.3) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41H12 (Hungry Plant): What does the insect expect to find
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	94 (1.6) ▲
Lithuania	92 (1.5) ▲
Slovenia	92 (1.3) ▲
Finland	91 (1.7) ▲
Norway (5)	90 (1.6) ▲
Sweden	88 (1.9) ▲
Chinese Taipei	88 (1.6) ▲
Denmark	87 (1.7) ▲
Hungary	87 (1.6) ▲
Russian Federation	86 (3.2)
Slovak Republic	84 (2.0)
Italy	83 (1.7)
Czech Republic	82 (1.9)
Singapore	82 (1.5)
New Zealand	80 (2.1)
International Average	**80 (0.4)**
Israel	80 (1.7)
Spain	79 (1.6)
Portugal	78 (1.6)
Belgium (Flemish)	77 (2.3)
Malta	74 (3.0) ▼
Germany	73 (2.0) ▼
Kazakhstan	71 (2.0) ▼
Saudi Arabia	60 (2.8) ▼
United Arab Emirates	56 (1.2) ▼
Qatar	55 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (1.2) ▲
Quebec, Canada	92 (1.1) ▲
British Columbia, Canada	88 (1.6) ▲
Newfoundland & Labrador, Can.	86 (2.7) ▲
Alberta, Canada	82 (2.7)
Dubai, UAE	78 (1.3)
Abu Dhabi, UAE	48 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H13 (Hungry Plant): What does the fly touch to make the leaf snap shut
Multiple Choice (Key is A)

Country	Percent Full Credit
Finland	85 (1.8) ▲
Singapore	83 (1.6) ▲
Russian Federation	81 (2.9) ▲
Croatia	80 (2.3) ▲
Denmark	80 (1.7) ▲
Chinese Taipei	79 (1.8) ▲
Slovak Republic	77 (2.5) ▲
Lithuania	76 (1.7) ▲
New Zealand	75 (2.5)
Italy	75 (2.2)
Czech Republic	74 (1.9)
Sweden	74 (2.6)
Hungary	73 (2.6)
International Average	**72 (0.5)**
Germany	72 (1.9)
Spain	71 (1.5)
Norway (5)	71 (2.7)
Slovenia	70 (2.7)
Belgium (Flemish)	69 (2.4)
Malta	68 (3.1)
Qatar	66 (2.2) ▼
Israel	65 (2.5) ▼
Kazakhstan	62 (2.2) ▼
United Arab Emirates	61 (1.0) ▼
Saudi Arabia	58 (2.4) ▼
Portugal	55 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.4) ▲
Alberta, Canada	82 (2.5) ▲
British Columbia, Canada	81 (2.3) ▲
Quebec, Canada	79 (2.0) ▲
Dubai, UAE	78 (1.3) ▲
Newfoundland & Labrador, Can.	78 (2.5) ▲
Abu Dhabi, UAE	54 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H14 (Hungry Plant): How long does the Venus Flytrap take to eat
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	90 (1.5) ▲
Lithuania	88 (1.9) ▲
Norway (5)	86 (1.9) ▲
Croatia	84 (2.1) ▲
Singapore	83 (1.4) ▲
Sweden	82 (2.0) ▲
Slovak Republic	80 (2.3) ▲
Russian Federation	80 (2.8) ▲
Czech Republic	79 (1.7) ▲
New Zealand	78 (2.4)
Finland	78 (2.2)
Kazakhstan	76 (1.6)
International Average	**74 (0.4)**
Belgium (Flemish)	74 (2.4)
Spain	72 (1.8)
Malta	72 (2.3)
Denmark	71 (2.1)
Italy	70 (2.5)
Slovenia	69 (2.3) ▼
Israel	69 (2.2) ▼
Hungary	68 (2.7) ▼
Qatar	66 (2.4) ▼
Germany	64 (2.1) ▼
Portugal	64 (2.1) ▼
United Arab Emirates	59 (0.9) ▼
Saudi Arabia	55 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.4) ▲
Newfoundland & Labrador, Can.	78 (2.5)
Dubai, UAE	77 (1.5)
British Columbia, Canada	77 (2.1)
Quebec, Canada	77 (1.8)
Alberta, Canada	74 (2.6)
Abu Dhabi, UAE	49 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE41H15 (Hungry Plant): Explain what happens to the leaf
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	82 (2.1) ▲
Finland	74 (2.3) ▲
Croatia	74 (3.1) ▲
Singapore	71 (2.0) ▲
Sweden	71 (2.6) ▲
Lithuania	70 (2.6) ▲
Italy	68 (2.3) ▲
Norway (5)	68 (2.7) ▲
Czech Republic	67 (2.7)
Russian Federation	67 (3.3)
Hungary	66 (2.6)
Germany	66 (1.9)
Slovak Republic	65 (2.3)
Belgium (Flemish)	64 (3.3)
International Average	**63 (0.5)**
Denmark	63 (2.5)
Kazakhstan	60 (2.1)
New Zealand	59 (2.6)
Israel	57 (2.5) ▼
Spain	54 (2.0) ▼
Portugal	54 (2.0) ▼
Malta	52 (3.0) ▼
United Arab Emirates	52 (1.0) ▼
Qatar	50 (2.2) ▼
Saudi Arabia	49 (2.5) ▼
Slovenia	49 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (2.0) ▲
Quebec, Canada	68 (2.1) ▲
Dubai, UAE	66 (1.5) ▲
Alberta, Canada	61 (2.8)
Newfoundland & Labrador, Can.	57 (2.6) ▼
British Columbia, Canada	56 (2.2) ▼
Abu Dhabi, UAE	49 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE41H16 (Hungry Plant): Why is the article called "Hungry Plant"
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	92 (1.0) ▲
Lithuania	91 (1.6) ▲
Italy	90 (1.4) ▲
Russian Federation	90 (2.4) ▲
Chinese Taipei	88 (1.6) ▲
Finland	88 (1.6) ▲
Croatia	88 (2.2) ▲
Czech Republic	86 (1.8) ▲
Spain	86 (1.4) ▲
Denmark	85 (1.7) ▲
Belgium (Flemish)	85 (2.0)
Portugal	85 (1.9)
Sweden	84 (2.2)
Hungary	83 (1.8)
Germany	83 (1.5)
Norway (5)	83 (2.1)
Israel	82 (1.8)
New Zealand	82 (1.9)
International Average	**82 (0.4)**
Slovak Republic	82 (2.1)
Malta	79 (2.3)
Slovenia	78 (2.0) ▼
Kazakhstan	74 (1.8) ▼
Qatar	70 (2.3) ▼
United Arab Emirates	65 (0.9) ▼
Saudi Arabia	53 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.9) ▲
British Columbia, Canada	88 (1.4) ▲
Quebec, Canada	87 (1.7) ▲
Dubai, UAE	82 (1.1)
Newfoundland & Labrador, Can.	82 (3.1)
Alberta, Canada	79 (2.9)
Abu Dhabi, UAE	60 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51Z01 (The Amazing Octopus): True statements about octopuses (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Finland	83 (2.1) ▲	94 (1.2) ▲
Croatia	76 (2.4) ▲	94 (1.4) ▲
Chinese Taipei	74 (2.1) ▲	92 (1.4) ▲
Sweden	70 (2.8) ▲	94 (1.2) ▲
Singapore	70 (2.0) ▲	92 (1.0) ▲
Norway (5)	65 (2.5) ▲	88 (1.7) ▲
Russian Federation	64 (3.7) ▲	93 (1.7) ▲
Czech Republic	63 (2.6) ▲	85 (1.6)
Slovenia	61 (2.7)	86 (1.7)
Hungary	61 (2.5)	88 (1.8) ▲
Denmark	60 (2.8)	89 (1.7) ▲
Germany	58 (2.0)	88 (1.1) ▲
International Average	**56 (0.5)**	**83 (0.4)**
Malta	56 (2.6)	82 (2.4)
Italy	56 (2.5)	87 (1.6) ▲
Portugal	56 (2.0)	85 (1.3)
New Zealand	55 (2.3)	78 (2.0) ▼
Lithuania	55 (2.3)	86 (1.7)
Israel	52 (2.1) ▼	78 (1.9) ▼
Slovak Republic	50 (2.9) ▼	82 (2.3)
Spain	49 (1.9) ▼	87 (1.3) ▲
Belgium (Flemish)	48 (2.7) ▼	81 (2.0)
Qatar	47 (2.5) ▼	74 (2.3) ▼
United Arab Emirates	45 (1.2) ▼	70 (0.9) ▼
Kazakhstan	21 (1.5) ▼	57 (2.1) ▼
Saudi Arabia	17 (2.2) ▼	46 (2.9) ▼
Benchmarking Participants		
Quebec, Canada	70 (2.4) ▲	95 (1.2) ▲
Moscow City, Russian Fed.	67 (2.8) ▲	93 (1.5) ▲
Newfoundland & Labrador, Can.	65 (2.7) ▲	81 (2.3)
Dubai, UAE	60 (2.0)	87 (1.0) ▲
British Columbia, Canada	60 (2.7)	84 (2.6)
Alberta, Canada	59 (3.0)	86 (2.1)
Abu Dhabi, UAE	37 (1.8) ▼	61 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z01A (The Amazing Octopus): True octopus (have round bodies)
Multiple Choice (Key is A)

Country	Percent Full Credit
Croatia	94 (1.1) ▲
Finland	94 (1.4) ▲
Chinese Taipei	93 (1.4) ▲
Singapore	88 (1.4) ▲
Sweden	84 (2.1) ▲
Russian Federation	84 (3.3) ▲
Czech Republic	83 (1.6) ▲
Portugal	83 (1.5) ▲
Lithuania	82 (1.9) ▲
Slovenia	82 (2.2) ▲
Malta	80 (1.9) ▲
Hungary	80 (2.2)
Spain	79 (1.5) ▲
Italy	78 (2.0)
New Zealand	78 (1.9)
Norway (5)	78 (2.2)
International Average	**76 (0.4)**
Israel	75 (2.0)
Germany	74 (1.7)
Denmark	72 (2.5)
United Arab Emirates	71 (0.9) ▼
Qatar	65 (2.0) ▼
Slovak Republic	64 (2.7) ▼
Belgium (Flemish)	64 (2.6) ▼
Saudi Arabia	39 (2.5) ▼
Kazakhstan	31 (2.0) ▼
Benchmarking Participants	
Quebec, Canada	89 (1.5) ▲
Moscow City, Russian Fed.	85 (1.9) ▲
Newfoundland & Labrador, Can.	83 (2.5) ▲
Dubai, UAE	80 (2.0)
Alberta, Canada	79 (2.2)
British Columbia, Canada	73 (2.8)
Abu Dhabi, UAE	66 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z01B (The Amazing Octopus): True octopus (have eight long arms)
Multiple Choice (Key is A)

Country	Percent Full Credit
Sweden	98 (0.6) ▲
Finland	97 (0.8) ▲
Chinese Taipei	96 (0.7) ▲
Hungary	96 (1.3) ▲
Croatia	96 (1.2) ▲
Singapore	96 (0.7) ▲
Spain	96 (0.8) ▲
Russian Federation	95 (1.7) ▲
Czech Republic	95 (1.2) ▲
Norway (5)	94 (1.2)
Lithuania	94 (1.2)
Italy	94 (1.4)
Germany	93 (1.0)
Belgium (Flemish)	92 (1.4)
Slovak Republic	92 (1.8)
International Average	**92 (0.3)**
Malta	92 (2.1)
Portugal	91 (1.1)
Slovenia	91 (1.5)
New Zealand	90 (1.4)
Denmark	90 (1.3)
Israel	87 (1.5) ▼
Qatar	87 (1.4) ▼
United Arab Emirates	83 (0.8) ▼
Kazakhstan	81 (1.8) ▼
Saudi Arabia	80 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (1.1) ▲
Quebec, Canada	96 (1.0) ▲
Alberta, Canada	93 (1.6)
British Columbia, Canada	92 (1.5)
Dubai, UAE	92 (0.9)
Newfoundland & Labrador, Can.	88 (2.2)
Abu Dhabi, UAE	76 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z01C (The Amazing Octopus): True octopus (only live in cold parts in ocean)
Multiple Choice (Key is B)

Country	Percent Full Credit
Croatia	98 (0.5) ▲
Sweden	98 (0.6) ▲
Singapore	98 (0.6) ▲
Denmark	98 (0.8) ▲
Norway (5)	97 (0.8) ▲
Germany	97 (0.7) ▲
Russian Federation	96 (1.3)
Italy	96 (1.2)
Chinese Taipei	96 (1.0) ▲
Finland	96 (0.9) ▲
Malta	96 (1.2)
Qatar	96 (0.8) ▲
Portugal	95 (0.8)
International Average	**94 (0.2)**
Slovak Republic	94 (1.5)
Belgium (Flemish)	94 (1.3)
Hungary	93 (1.7)
Saudi Arabia	93 (1.1)
Slovenia	92 (1.2)
Spain	91 (1.3)
United Arab Emirates	91 (0.4) ▼
New Zealand	90 (1.4) ▼
Lithuania	90 (1.5) ▼
Israel	90 (1.3) ▼
Czech Republic	88 (1.5) ▼
Kazakhstan	85 (1.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.8) ▲
Newfoundland & Labrador, Can.	97 (0.9) ▲
Dubai, UAE	97 (0.7) ▲
Quebec, Canada	96 (1.1) ▲
British Columbia, Canada	95 (1.2)
Alberta, Canada	93 (2.0)
Abu Dhabi, UAE	87 (0.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z01D (The Amazing Octopus): True octopus (like to eat crabs and small fish)
Multiple Choice (Key is A)

Country	Percent Full Credit
Denmark	94 (1.0) ▲
Sweden	93 (1.3) ▲
Finland	93 (1.2) ▲
Hungary	93 (1.4) ▲
Germany	92 (0.9) ▲
Lithuania	91 (1.5) ▲
Chinese Taipei	90 (1.3) ▲
Norway (5)	90 (1.4) ▲
Slovak Republic	88 (1.7)
Czech Republic	88 (1.3) ▲
Croatia	87 (1.8)
Belgium (Flemish)	86 (2.1)
Russian Federation	86 (2.4)
Singapore	86 (1.4)
International Average	**85 (0.3)**
Slovenia	85 (2.0)
Portugal	84 (1.4)
Italy	84 (1.8)
New Zealand	83 (1.8)
Israel	82 (1.8)
United Arab Emirates	78 (0.8) ▼
Malta	78 (2.1) ▼
Spain	77 (1.7) ▼
Kazakhstan	77 (1.9) ▼
Qatar	75 (2.4) ▼
Saudi Arabia	69 (2.1) ▼
Benchmarking Participants	
Quebec, Canada	90 (1.7) ▲
Alberta, Canada	89 (1.6) ▲
British Columbia, Canada	88 (2.6)
Dubai, UAE	88 (1.0) ▲
Newfoundland & Labrador, Can.	86 (2.4)
Moscow City, Russian Fed.	84 (2.2)
Abu Dhabi, UAE	72 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z01E (The Amazing Octopus): True octopus (catch their food with their mouths)
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	96 (1.5) ▲
Finland	95 (1.5) ▲
Denmark	93 (1.2) ▲
Croatia	92 (1.4) ▲
Singapore	92 (1.1) ▲
Qatar	91 (1.4) ▲
Norway (5)	91 (1.3) ▲
Israel	90 (1.3) ▲
Kazakhstan	90 (1.1) ▲
Slovak Republic	90 (1.3)
Sweden	89 (1.8)
Slovenia	89 (1.6)
Spain	89 (1.1)
Germany	89 (1.2)
Czech Republic	88 (1.5)
International Average	**88 (0.3)**
Chinese Taipei	87 (1.7)
Belgium (Flemish)	87 (2.0)
Malta	87 (2.0)
Italy	86 (1.7)
New Zealand	85 (1.5)
Hungary	84 (2.1)
Portugal	84 (1.4) ▼
Lithuania	82 (2.1) ▼
United Arab Emirates	78 (1.0) ▼
Saudi Arabia	68 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (1.1) ▲
Quebec, Canada	92 (1.5) ▲
British Columbia, Canada	90 (1.6)
Dubai, UAE	88 (1.0)
Alberta, Canada	88 (1.7)
Newfoundland & Labrador, Can.	87 (2.5)
Abu Dhabi, UAE	75 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z02 (The Amazing Octopus): What do octopuses use to make doors
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	94 (1.1) ▲
Norway (5)	94 (1.4) ▲
Finland	92 (1.1) ▲
Czech Republic	90 (1.2) ▲
Chinese Taipei	89 (1.8) ▲
Russian Federation	87 (2.1) ▲
Hungary	87 (2.0) ▲
Slovak Republic	86 (2.0) ▲
Singapore	86 (1.4) ▲
Germany	84 (1.6)
Croatia	84 (2.3)
Belgium (Flemish)	83 (2.2)
International Average	**82 (0.4)**
Malta	81 (3.0)
New Zealand	80 (2.0)
Israel	79 (1.6)
Saudi Arabia	79 (1.9)
Portugal	79 (1.8)
Denmark	78 (2.1)
Lithuania	78 (2.1)
Kazakhstan	78 (1.7) ▼
Spain	75 (2.2) ▼
Italy	74 (1.8) ▼
Qatar	74 (2.0) ▼
Slovenia	72 (2.5) ▼
United Arab Emirates	69 (1.0) ▼
Benchmarking Participants	
Quebec, Canada	91 (1.1) ▲
Moscow City, Russian Fed.	90 (1.6) ▲
Alberta, Canada	89 (1.7) ▲
Newfoundland & Labrador, Can.	86 (2.9)
British Columbia, Canada	84 (2.0)
Dubai, UAE	84 (0.8)
Abu Dhabi, UAE	62 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z03 (The Amazing Octopus): Octopuses are "experts in disguise"
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	83 (1.8) ▲
Portugal	74 (1.9) ▲
Italy	70 (2.2) ▲
Sweden	69 (2.5) ▲
Russian Federation	67 (3.4) ▲
Slovenia	66 (3.3) ▲
Lithuania	66 (2.0) ▲
Chinese Taipei	65 (2.6) ▲
Spain	64 (2.0) ▲
Norway (5)	64 (2.1)
New Zealand	61 (2.3)
Malta	61 (2.7)
Finland	61 (2.5)
Croatia	60 (3.0)
International Average	**60 (0.5)**
Germany	57 (2.1)
Slovak Republic	57 (2.7)
Israel	56 (1.9) ▼
Denmark	56 (2.5)
Czech Republic	56 (2.1) ▼
Qatar	54 (2.4) ▼
United Arab Emirates	54 (1.0) ▼
Hungary	53 (2.7) ▼
Belgium (Flemish)	50 (2.8) ▼
Kazakhstan	45 (2.4) ▼
Saudi Arabia	34 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (2.3) ▲
Dubai, UAE	74 (1.4) ▲
Alberta, Canada	73 (3.7) ▲
British Columbia, Canada	72 (2.9) ▲
Newfoundland & Labrador, Can.	64 (2.8)
Quebec, Canada	63 (2.4)
Abu Dhabi, UAE	50 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z04 (The Amazing Octopus): Octopuses do not have bones
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	89 (1.4) ▲
Chinese Taipei	86 (1.8) ▲
Finland	83 (1.8) ▲
Croatia	83 (2.1) ▲
Russian Federation	81 (2.5) ▲
New Zealand	78 (1.9) ▲
Hungary	76 (2.4)
Kazakhstan	76 (1.6) ▲
Czech Republic	76 (1.8) ▲
Germany	75 (1.7)
Lithuania	75 (1.9)
Denmark	74 (2.3)
Malta	72 (2.5)
International Average	**72 (0.4)**
Italy	72 (1.8)
Slovenia	72 (2.8)
Portugal	72 (2.2)
Sweden	68 (2.3)
Israel	68 (2.0) ▼
Norway (5)	66 (2.5) ▼
Qatar	66 (2.0) ▼
Spain	66 (1.7) ▼
Slovak Republic	65 (3.2) ▼
Belgium (Flemish)	60 (2.4) ▼
United Arab Emirates	59 (0.9) ▼
Saudi Arabia	52 (2.0) ▼
Benchmarking Participants	
Quebec, Canada	85 (1.4) ▲
Moscow City, Russian Fed.	84 (2.1) ▲
British Columbia, Canada	83 (2.2) ▲
Alberta, Canada	82 (2.9) ▲
Newfoundland & Labrador, Can.	82 (2.5) ▲
Dubai, UAE	73 (1.3)
Abu Dhabi, UAE	53 (1.6) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51Z05 (The Amazing Octopus): Octopuses are famous for showing up
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	62 (2.1) ▲
Sweden	55 (2.3) ▲
Italy	55 (2.4) ▲
Croatia	54 (3.6) ▲
Lithuania	53 (2.0) ▲
Denmark	52 (2.5) ▲
Hungary	52 (2.8) ▲
Norway (5)	51 (2.6) ▲
Chinese Taipei	50 (2.2) ▲
Finland	49 (2.6) ▲
Germany	46 (2.1)
Russian Federation	46 (4.1)
Czech Republic	44 (2.3)
International Average	**44 (0.5)**
New Zealand	43 (2.4)
Slovak Republic	41 (2.9)
Belgium (Flemish)	40 (2.5)
Slovenia	39 (2.8)
Qatar	37 (2.4) ▼
Malta	36 (3.4) ▼
United Arab Emirates	36 (1.1) ▼
Israel	35 (2.5) ▼
Spain	32 (1.9) ▼
Portugal	31 (2.0) ▼
Kazakhstan	30 (2.0) ▼
Saudi Arabia	27 (2.5) ▼
Benchmarking Participants	
Quebec, Canada	64 (2.9) ▲
Moscow City, Russian Fed.	64 (2.5) ▲
Dubai, UAE	52 (1.5) ▲
Alberta, Canada	51 (3.5) ▲
British Columbia, Canada	48 (2.2) ▲
Newfoundland & Labrador, Can.	48 (3.3)
Abu Dhabi, UAE	29 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z06 (The Amazing Octopus): Two ways that octopuses escape their predators
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	85 (1.4) ▲	98 (0.5) ▲
Spain	85 (1.5) ▲	96 (0.8) ▲
Italy	85 (1.4) ▲	96 (0.8) ▲
Norway (5)	85 (1.7) ▲	97 (0.9) ▲
Sweden	84 (2.0) ▲	98 (0.8) ▲
Russian Federation	82 (3.1)	93 (2.8)
Croatia	82 (2.8)	98 (1.1) ▲
New Zealand	82 (2.1) ▲	92 (1.3)
Slovak Republic	82 (2.5)	94 (1.2)
Lithuania	81 (1.8)	99 (0.5) ▲
Czech Republic	81 (2.0)	95 (1.0) ▲
Hungary	81 (2.3)	94 (1.5)
Finland	80 (1.8)	96 (0.8) ▲
Denmark	79 (2.1)	95 (1.0)
Germany	79 (1.8)	93 (1.2)
Slovenia	79 (2.3)	95 (1.4)
International Average	**77 (0.4)**	**93 (0.3)**
Israel	77 (2.4)	92 (1.2)
Malta	76 (2.8)	93 (1.8)
Chinese Taipei	75 (2.3)	95 (1.1) ▲
Kazakhstan	73 (1.7) ▼	93 (0.9)
Portugal	71 (2.2) ▼	94 (1.0)
Belgium (Flemish)	71 (2.4) ▼	88 (2.2) ▼
Qatar	68 (2.1) ▼	87 (1.7) ▼
United Arab Emirates	62 (0.8) ▼	79 (0.9) ▼
Saudi Arabia	53 (2.6) ▼	81 (1.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	93 (1.4) ▲	100 (0.2) ▲
Alberta, Canada	85 (1.7) ▲	98 (0.6) ▲
Quebec, Canada	82 (1.8) ▲	97 (0.7) ▲
Dubai, UAE	78 (1.7)	94 (0.8)
British Columbia, Canada	75 (2.2)	95 (0.9) ▲
Newfoundland & Labrador, Can.	73 (1.9) ▼	93 (1.5)
Abu Dhabi, UAE	52 (1.1) ▼	68 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z07 (The Amazing Octopus): What did Frieda the octopus learn to do
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	91 (1.1) ▲
Lithuania	90 (1.5) ▲
Italy	90 (1.6) ▲
Russian Federation	89 (3.0) ▲
Croatia	86 (1.9) ▲
Sweden	86 (2.2) ▲
Slovenia	85 (2.1) ▲
Norway (5)	84 (1.8) ▲
Czech Republic	84 (1.7) ▲
Chinese Taipei	84 (2.1) ▲
Finland	83 (1.8) ▲
Germany	83 (1.6) ▲
Denmark	82 (1.8)
Slovak Republic	81 (2.3)
Spain	81 (1.7)
New Zealand	81 (2.0)
Kazakhstan	81 (1.7)
Malta	80 (2.7)
International Average	**80 (0.4)**
Portugal	78 (2.0)
Belgium (Flemish)	75 (2.4)
Hungary	72 (2.4) ▼
Israel	70 (2.6) ▼
United Arab Emirates	63 (0.9) ▼
Qatar	62 (2.3) ▼
Saudi Arabia	45 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.6) ▲
Quebec, Canada	86 (2.0) ▲
Dubai, UAE	84 (1.0) ▲
Newfoundland & Labrador, Can.	80 (2.4)
British Columbia, Canada	79 (2.1)
Alberta, Canada	79 (2.8)
Abu Dhabi, UAE	56 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

RE51Z08 (The Amazing Octopus): What did Squirt the octopus learn to do
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	79 (1.6) ▲
Sweden	79 (2.4) ▲
Finland	77 (2.0) ▲
Czech Republic	76 (2.0) ▲
Denmark	75 (2.5) ▲
Spain	74 (1.5) ▲
Germany	74 (1.6) ▲
Hungary	74 (2.5) ▲
Italy	73 (2.3) ▲
Chinese Taipei	73 (2.3) ▲
Norway (5)	73 (2.3) ▲
Russian Federation	71 (3.4)
Croatia	70 (3.1)
Slovenia	70 (2.4)
Slovak Republic	69 (2.9)
Portugal	68 (1.8)
International Average	**67 (0.5)**
New Zealand	67 (2.3)
Lithuania	66 (2.7)
Belgium (Flemish)	66 (2.6)
Qatar	58 (2.3) ▼
Malta	57 (3.3) ▼
United Arab Emirates	56 (1.1) ▼
Israel	49 (2.3) ▼
Kazakhstan	43 (2.1) ▼
Saudi Arabia	40 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (2.1) ▲
Alberta, Canada	77 (2.0) ▲
Quebec, Canada	77 (1.8) ▲
Newfoundland & Labrador, Can.	73 (2.6) ▲
British Columbia, Canada	72 (2.3) ▲
Dubai, UAE	71 (1.8) ▲
Abu Dhabi, UAE	52 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z09 (The Amazing Octopus): Does the writer think Squirt makes good paintings
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	84 (1.5) ▲
Lithuania	62 (2.2) ▲
Croatia	53 (3.6) ▲
Russian Federation	52 (3.9) ▲
Hungary	52 (2.7) ▲
Italy	48 (2.2) ▲
Portugal	47 (2.2) ▲
Chinese Taipei	45 (2.4)
Malta	43 (3.2)
Slovenia	42 (2.9)
International Average	**42 (0.5)**
Finland	41 (2.5)
Qatar	40 (2.6)
Belgium (Flemish)	40 (3.0)
Slovak Republic	39 (2.6)
United Arab Emirates	38 (0.9) ▼
New Zealand	37 (2.1) ▼
Spain	36 (2.0) ▼
Norway (5)	36 (2.4) ▼
Israel	36 (2.2) ▼
Sweden	34 (2.4) ▼
Germany	34 (2.1) ▼
Denmark	33 (2.2) ▼
Kazakhstan	30 (2.1) ▼
Czech Republic	30 (2.1) ▼
Saudi Arabia	19 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	59 (2.8) ▲
Dubai, UAE	57 (1.7) ▲
Quebec, Canada	54 (2.4) ▲
Newfoundland & Labrador, Can.	41 (2.9)
British Columbia, Canada	41 (2.7)
Alberta, Canada	40 (2.9)
Abu Dhabi, UAE	30 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z10 (The Amazing Octopus): Why do aquarium staff give octopuses puzzles
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	87 (1.4) ▲
Italy	84 (1.7) ▲
Lithuania	78 (1.9) ▲
Croatia	77 (3.0) ▲
Chinese Taipei	76 (2.1) ▲
Hungary	75 (2.7) ▲
Czech Republic	75 (1.9) ▲
Finland	75 (2.5) ▲
Slovak Republic	74 (2.6)
Portugal	71 (1.8)
Spain	71 (1.7)
Germany	71 (1.9)
Russian Federation	71 (4.0)
Belgium (Flemish)	70 (2.5)
Norway (5)	70 (2.9)
International Average	**69 (0.5)**
Sweden	69 (2.1)
Malta	68 (3.7)
Denmark	68 (2.5)
New Zealand	67 (2.5)
Israel	64 (2.4) ▼
Slovenia	63 (3.1) ▼
Qatar	62 (2.2) ▼
United Arab Emirates	58 (0.9) ▼
Kazakhstan	55 (2.2) ▼
Saudi Arabia	33 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.9) ▲
Quebec, Canada	82 (2.0) ▲
Alberta, Canada	80 (3.5) ▲
Dubai, UAE	76 (1.6) ▲
Newfoundland & Labrador, Can.	73 (2.5)
British Columbia, Canada	73 (2.8)
Abu Dhabi, UAE	47 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z11 (The Amazing Octopus): What toy did Sammy enjoy playing with
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	92 (2.9) ▲
Singapore	91 (1.3) ▲
Chinese Taipei	88 (1.4) ▲
Norway (5)	88 (1.8) ▲
Lithuania	87 (1.8) ▲
Italy	86 (1.6) ▲
Sweden	85 (2.0) ▲
Croatia	85 (2.0) ▲
Hungary	83 (2.0)
Portugal	83 (1.9)
Denmark	82 (1.8)
Slovenia	82 (2.1)
Germany	82 (1.6)
Slovak Republic	82 (2.1)
International Average	**80 (0.4)**
Malta	78 (3.1)
Finland	77 (1.9)
Spain	77 (1.7)
Czech Republic	77 (1.9)
New Zealand	76 (1.9)
Israel	73 (2.2) ▼
Belgium (Flemish)	73 (2.4) ▼
Kazakhstan	71 (2.2) ▼
Qatar	70 (2.2) ▼
United Arab Emirates	65 (1.0) ▼
Saudi Arabia	59 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	98 (0.8) ▲
Dubai, UAE	83 (1.6)
Quebec, Canada	78 (2.5)
Alberta, Canada	77 (2.7)
British Columbia, Canada	77 (2.2)
Newfoundland & Labrador, Can.	75 (2.5)
Abu Dhabi, UAE	54 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

PIRLS 2021 Percent Correct Statistics for digitalPIRLS Achievement Items

RE51Z12 (The Amazing Octopus): Two things octopuses do to show they are happy
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	72 (2.8) ▲	81 (2.4) ▲
Slovenia	69 (3.1) ▲	85 (2.0) ▲
Norway (5)	68 (2.5) ▲	86 (1.8) ▲
Singapore	68 (2.3) ▲	85 (1.4) ▲
Russian Federation	66 (3.9) ▲	82 (3.3)
Germany	64 (2.1) ▲	88 (1.9) ▲
Finland	63 (2.4) ▲	84 (1.7) ▲
Sweden	62 (2.5) ▲	79 (2.3)
Slovak Republic	61 (2.7)	78 (2.3)
Hungary	61 (2.6)	74 (2.4)
Lithuania	60 (2.5)	76 (2.4)
New Zealand	59 (2.3)	75 (2.1)
Belgium (Flemish)	59 (2.7)	82 (2.4) ▲
Czech Republic	57 (2.8)	84 (1.8) ▲
International Average	**56 (0.5)**	**76 (0.4)**
Spain	56 (2.1)	77 (1.8)
Malta	56 (2.8)	73 (2.7)
Denmark	55 (2.4)	77 (2.3)
Israel	54 (2.9)	67 (2.6) ▼
Qatar	51 (3.0)	70 (2.5) ▼
Chinese Taipei	51 (2.6) ▼	74 (2.4)
Italy	45 (2.4) ▼	81 (2.0) ▲
United Arab Emirates	44 (1.0) ▼	60 (0.8) ▼
Kazakhstan	37 (2.3) ▼	71 (1.9) ▼
Portugal	36 (2.4) ▼	68 (2.0) ▼
Saudi Arabia	34 (2.2) ▼	48 (2.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	78 (2.2) ▲	91 (1.7) ▲
Quebec, Canada	63 (2.6) ▲	80 (2.6)
Alberta, Canada	61 (3.6)	80 (2.7)
British Columbia, Canada	61 (2.3) ▲	82 (2.1) ▲
Dubai, UAE	57 (1.6)	76 (1.5)
Newfoundland & Labrador, Can.	55 (3.5)	79 (2.8)
Abu Dhabi, UAE	36 (1.5) ▼	48 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z13 (The Amazing Octopus): Octopuses like their keepers to touch them
Multiple Choice (Key is C)

Country	Percent Full Credit
Croatia	92 (1.6) ▲
Singapore	89 (1.1) ▲
Germany	89 (1.3) ▲
Lithuania	88 (1.5) ▲
Italy	85 (1.8) ▲
Finland	84 (2.1) ▲
Norway (5)	84 (1.9) ▲
Chinese Taipei	83 (1.9) ▲
Spain	83 (1.9) ▲
Sweden	82 (2.0) ▲
Slovenia	82 (1.9) ▲
Czech Republic	81 (1.5) ▲
Hungary	81 (2.1) ▲
Denmark	80 (1.8)
Russian Federation	79 (3.4)
New Zealand	77 (2.1)
International Average	**77 (0.4)**
Malta	74 (2.8)
Portugal	72 (2.5)
Belgium (Flemish)	71 (2.4) ▼
Slovak Republic	71 (3.1) ▼
Israel	68 (2.2) ▼
Kazakhstan	63 (2.2) ▼
United Arab Emirates	61 (0.8) ▼
Qatar	59 (2.6) ▼
Saudi Arabia	42 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.5) ▲
Quebec, Canada	84 (1.9) ▲
Newfoundland & Labrador, Can.	82 (2.3) ▲
Alberta, Canada	82 (2.6) ▲
Dubai, UAE	79 (1.2) ▲
British Columbia, Canada	76 (2.8)
Abu Dhabi, UAE	53 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z14 (The Amazing Octopus): Octopuses are "amazing." Give three examples
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Lithuania	65 (2.4) ▲	82 (2.1) ▲	93 (1.4) ▲
Croatia	65 (3.0) ▲	80 (2.5) ▲	93 (1.4) ▲
Finland	63 (2.2) ▲	81 (1.8) ▲	89 (1.6) ▲
Singapore	62 (2.3) ▲	76 (1.9) ▲	88 (1.4) ▲
Italy	62 (3.0) ▲	80 (2.0) ▲	92 (1.4) ▲
Hungary	61 (2.8) ▲	78 (2.4) ▲	88 (2.0)
Russian Federation	60 (3.7) ▲	78 (3.7)	90 (2.4) ▲
Norway (5)	58 (2.6) ▲	81 (2.2) ▲	89 (1.8) ▲
Spain	58 (2.5) ▲	73 (2.3)	87 (1.7)
Slovenia	57 (2.8)	81 (2.4) ▲	89 (2.2)
Chinese Taipei	56 (2.6)	72 (2.4)	82 (2.1)
Sweden	56 (3.2)	75 (2.3)	89 (2.0)
Slovak Republic	53 (2.6)	72 (2.3)	89 (1.7) ▲
International Average	**53 (0.5)**	**72 (0.5)**	**85 (0.4)**
Denmark	52 (2.7)	72 (2.4)	85 (1.8)
Belgium (Flemish)	51 (3.1)	75 (2.5)	87 (2.0)
New Zealand	51 (2.3)	74 (2.0)	83 (1.6)
Kazakhstan	51 (2.0)	69 (1.9)	81 (1.6) ▼
Malta	50 (4.0)	66 (2.9)	81 (3.2)
Germany	50 (2.4)	73 (2.1)	83 (1.9)
Czech Republic	49 (2.3)	73 (2.0)	89 (1.6) ▲
Portugal	45 (2.7) ▼	66 (2.8) ▼	83 (2.1)
Israel	44 (2.8) ▼	64 (2.7) ▼	82 (2.3)
United Arab Emirates	40 (1.0) ▼	58 (0.9) ▼	72 (1.0) ▼
Qatar	36 (2.0) ▼	59 (2.2) ▼	80 (2.1) ▼
Saudi Arabia	19 (2.4) ▼	36 (2.7) ▼	61 (3.5) ▼
Benchmarking Participants			
Moscow City, Russian Fed.	77 (2.5) ▲	87 (2.0) ▲	94 (1.2) ▲
Alberta, Canada	57 (2.7)	77 (3.0)	85 (2.6)
British Columbia, Canada	54 (2.4)	73 (2.6)	84 (2.3)
Newfoundland & Labrador, Can.	54 (2.7)	77 (2.8)	86 (2.3)
Dubai, UAE	54 (2.1)	73 (1.5)	85 (1.3)
Quebec, Canada	44 (2.4) ▼	66 (2.8) ▼	83 (1.9)
Abu Dhabi, UAE	32 (2.1) ▼	48 (1.8) ▼	62 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RE51Z15 (The Amazing Octopus): Are aquariums good for octopuses
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	85 (2.2) ▲
Russian Federation	73 (3.3) ▲
Hungary	72 (2.3) ▲
Norway (5)	71 (2.6) ▲
Germany	69 (2.0) ▲
Spain	68 (1.9) ▲
Malta	66 (2.7) ▲
Slovak Republic	65 (2.4) ▲
Italy	65 (2.3) ▲
New Zealand	65 (2.4) ▲
Lithuania	64 (2.3)
Slovenia	62 (2.8)
Portugal	61 (2.2)
Czech Republic	60 (2.2)
Belgium (Flemish)	60 (2.6)
International Average	**59 (0.5)**
Israel	59 (2.3)
Sweden	56 (2.7)
Singapore	56 (2.0)
Finland	54 (2.6) ▼
United Arab Emirates	52 (0.9) ▼
Denmark	50 (2.4) ▼
Kazakhstan	47 (1.9) ▼
Qatar	46 (2.0) ▼
Chinese Taipei	32 (1.8) ▼
Saudi Arabia	29 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (2.1) ▲
Alberta, Canada	74 (2.8) ▲
Dubai, UAE	71 (1.3) ▲
British Columbia, Canada	63 (3.2)
Newfoundland & Labrador, Can.	61 (2.8)
Quebec, Canada	60 (3.0)
Abu Dhabi, UAE	41 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R01 (Rainforests): Which website gives rainforest information
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	68 (2.1) ▲
Czech Republic	63 (2.3) ▲
Denmark	63 (1.8) ▲
Singapore	62 (1.4) ▲
Spain	59 (1.7) ▲
Israel	59 (1.6) ▲
Slovak Republic	59 (2.3) ▲
Finland	59 (2.3) ▲
Italy	58 (2.3) ▲
Sweden	58 (2.4)
Norway (5)	58 (2.2)
Belgium (Flemish)	57 (2.5)
New Zealand	55 (2.2)
Hungary	54 (2.3)
International Average	**54 (0.4)**
Portugal	53 (2.1)
Lithuania	51 (2.9)
Croatia	51 (3.3)
Slovenia	51 (2.3)
Germany	50 (1.7) ▼
United Arab Emirates	48 (1.1) ▼
Qatar	46 (1.6) ▼
Kazakhstan	46 (1.9) ▼
Malta	44 (2.6) ▼
Saudi Arabia	39 (3.2) ▼
Chinese Taipei	28 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (1.4) ▲
British Columbia, Canada	63 (2.1) ▲
Alberta, Canada	63 (2.3) ▲
Newfoundland & Labrador, Can.	60 (2.6) ▲
Dubai, UAE	59 (1.6) ▲
Quebec, Canada	41 (2.1) ▼
Abu Dhabi, UAE	40 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R02 (Rainforests): What is an ecosystem
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	96 (1.2) ▲
Russian Federation	95 (0.8) ▲
Slovenia	88 (1.7) ▲
Finland	88 (1.2) ▲
Lithuania	87 (1.6) ▲
Singapore	87 (1.2) ▲
Norway (5)	87 (1.6) ▲
Spain	86 (1.3) ▲
Slovak Republic	86 (1.9) ▲
Kazakhstan	85 (1.3) ▲
Sweden	84 (1.8)
Portugal	82 (1.6)
Malta	82 (2.7)
International Average	**81 (0.4)**
Israel	80 (1.9)
Qatar	79 (1.5)
Italy	79 (2.4)
Belgium (Flemish)	78 (2.2)
Czech Republic	77 (2.0) ▼
United Arab Emirates	76 (0.8) ▼
Saudi Arabia	76 (2.5) ▼
Hungary	73 (2.2) ▼
Denmark	71 (1.8) ▼
Germany	71 (1.6) ▼
New Zealand	70 (1.7) ▼
Chinese Taipei	63 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.6) ▲
Dubai, UAE	84 (1.0) ▲
Quebec, Canada	83 (1.8)
Newfoundland & Labrador, Can.	76 (1.9) ▼
Alberta, Canada	76 (2.2) ▼
British Columbia, Canada	71 (1.9) ▼
Abu Dhabi, UAE	65 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R03 (Rainforests): Match ecosystem needs (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	74 (1.9) ▲	91 (1.5) ▲
Singapore	55 (1.4) ▲	86 (0.9) ▲
Finland	53 (1.8) ▲	81 (1.3) ▲
Russian Federation	52 (2.6) ▲	87 (1.8) ▲
Norway (5)	52 (2.1) ▲	86 (1.7) ▲
Sweden	51 (2.3) ▲	81 (2.4)
Portugal	51 (2.1) ▲	88 (1.4) ▲
Israel	48 (2.2) ▲	78 (1.8)
Croatia	47 (2.6)	83 (2.2) ▲
Lithuania	46 (2.0)	79 (2.2)
Germany	44 (1.8)	73 (1.7) ▼
New Zealand	44 (2.0)	79 (1.5)
Czech Republic	44 (1.9)	78 (1.7)
International Average	**43 (0.4)**	**77 (0.4)**
Denmark	42 (2.0)	74 (1.9)
Hungary	42 (2.0)	81 (1.7) ▲
United Arab Emirates	41 (0.7) ▼	72 (0.7) ▼
Qatar	38 (1.9) ▼	72 (1.8) ▼
Spain	38 (1.8) ▼	78 (1.2)
Italy	37 (2.0) ▼	78 (1.8)
Malta	35 (2.7) ▼	80 (2.2)
Slovenia	34 (2.4) ▼	73 (2.5)
Belgium (Flemish)	33 (2.4) ▼	67 (2.2) ▼
Kazakhstan	29 (1.8) ▼	64 (1.6) ▼
Saudi Arabia	23 (2.6) ▼	52 (2.7) ▼
Slovak Republic	23 (2.0) ▼	72 (2.5) ▼
Benchmarking Participants		
Quebec, Canada	70 (2.4) ▲	87 (1.6) ▲
Moscow City, Russian Fed.	57 (2.0) ▲	91 (1.0) ▲
Alberta, Canada	56 (2.5) ▲	83 (1.8) ▲
Dubai, UAE	56 (1.4) ▲	86 (0.8) ▲
Newfoundland & Labrador, Can.	50 (2.3) ▲	83 (2.5) ▲
British Columbia, Canada	50 (2.7) ▲	84 (1.7) ▲
Abu Dhabi, UAE	32 (1.1) ▼	61 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R03A (Rainforests): Match ecosystem needs (air)
Multiple Choice (Key is D)

Country	Percent Full Credit
Portugal	75 (1.5) ▲
New Zealand	74 (1.6) ▲
Singapore	71 (1.4) ▲
Sweden	70 (2.2) ▲
Croatia	70 (3.1) ▲
Malta	69 (3.6)
Norway (5)	69 (2.0) ▲
Hungary	69 (2.0) ▲
Chinese Taipei	69 (1.6) ▲
Qatar	68 (1.8) ▲
Italy	66 (1.9)
United Arab Emirates	66 (0.8) ▲
Russian Federation	65 (2.5)
International Average	**63 (0.4)**
Czech Republic	63 (2.5)
Slovak Republic	63 (2.0)
Spain	62 (2.0)
Israel	62 (1.9)
Slovenia	59 (2.5)
Germany	58 (2.1) ▼
Denmark	58 (2.2) ▼
Saudi Arabia	56 (3.6) ▼
Belgium (Flemish)	55 (2.3) ▼
Kazakhstan	52 (1.9) ▼
Finland	50 (1.8) ▼
Lithuania	47 (2.2) ▼
Benchmarking Participants	
Alberta, Canada	73 (1.5) ▲
Dubai, UAE	72 (1.5) ▲
British Columbia, Canada	71 (2.2) ▲
Newfoundland & Labrador, Can.	69 (2.7) ▲
Quebec, Canada	64 (1.8)
Moscow City, Russian Fed.	61 (1.8)
Abu Dhabi, UAE	61 (1.6)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R03B (Rainforests): Match ecosystem needs (food)
Multiple Choice (Key is F)

Country	Percent Full Credit
Chinese Taipei	95 (1.0) ▲
Portugal	92 (1.2) ▲
Malta	91 (1.7) ▲
Croatia	91 (1.8) ▲
Finland	91 (0.9) ▲
Norway (5)	90 (1.3) ▲
Russian Federation	90 (1.5) ▲
Spain	90 (1.1) ▲
Sweden	89 (1.4) ▲
Singapore	89 (0.8) ▲
Lithuania	88 (1.4) ▲
Hungary	86 (1.5)
New Zealand	86 (1.2)
Italy	86 (1.6)
Czech Republic	85 (1.5)
International Average	**85 (0.3)**
Belgium (Flemish)	85 (1.7)
Israel	84 (1.7)
Kazakhstan	82 (1.2) ▼
Qatar	82 (1.3) ▼
Denmark	81 (1.8) ▼
Germany	81 (1.5) ▼
United Arab Emirates	81 (0.8) ▼
Slovenia	80 (2.0) ▼
Slovak Republic	80 (1.8) ▼
Saudi Arabia	57 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (1.0) ▲
Quebec, Canada	92 (1.2) ▲
Dubai, UAE	91 (0.7) ▲
Newfoundland & Labrador, Can.	91 (1.9) ▲
British Columbia, Canada	90 (1.1) ▲
Alberta, Canada	90 (1.3) ▲
Abu Dhabi, UAE	72 (2.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R03C (Rainforests): Match ecosystem needs (water)
Multiple Choice (Key is C)

Country	Percent Full Credit
Portugal	93 (1.0) ▲
Chinese Taipei	92 (1.2) ▲
Russian Federation	92 (1.3) ▲
Finland	90 (1.1) ▲
Hungary	89 (1.4) ▲
Italy	88 (1.5) ▲
Norway (5)	88 (1.5) ▲
Singapore	88 (0.8) ▲
Israel	88 (1.3) ▲
Sweden	86 (2.0)
Lithuania	86 (1.5)
Czech Republic	84 (1.4)
Denmark	84 (1.8)
International Average	**84 (0.3)**
Slovenia	83 (2.0)
New Zealand	83 (1.5)
Qatar	82 (1.6)
Malta	82 (2.6)
Slovak Republic	81 (1.9)
Spain	81 (1.2) ▼
Croatia	80 (2.3)
Germany	79 (1.6) ▼
United Arab Emirates	77 (0.6) ▼
Belgium (Flemish)	76 (2.2) ▼
Saudi Arabia	75 (2.3) ▼
Kazakhstan	72 (1.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.0) ▲
Dubai, UAE	87 (0.9) ▲
Newfoundland & Labrador, Can.	87 (2.4)
British Columbia, Canada	85 (1.5)
Quebec, Canada	85 (2.3)
Alberta, Canada	85 (1.8)
Abu Dhabi, UAE	64 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R03D (Rainforests): Match ecosystem needs (sunlight)
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	82 (1.6) ▲
Finland	67 (1.7) ▲
Lithuania	65 (2.3) ▲
Singapore	62 (1.4) ▲
Russian Federation	60 (2.5) ▲
Sweden	59 (2.3) ▲
Israel	59 (2.2) ▲
Croatia	59 (2.9)
Norway (5)	58 (2.2) ▲
Germany	57 (1.8) ▲
Portugal	56 (2.0)
International Average	**54 (0.4)**
Spain	54 (1.8)
New Zealand	54 (1.8)
United Arab Emirates	53 (0.8)
Czech Republic	52 (2.1)
Denmark	51 (2.3)
Qatar	50 (2.0) ▼
Malta	48 (3.0) ▼
Kazakhstan	47 (1.9) ▼
Hungary	47 (2.0) ▼
Italy	46 (2.0) ▼
Belgium (Flemish)	45 (2.6) ▼
Slovenia	42 (2.8) ▼
Saudi Arabia	40 (2.9) ▼
Slovak Republic	32 (2.3) ▼
Benchmarking Participants	
Quebec, Canada	85 (1.7) ▲
Dubai, UAE	63 (1.4) ▲
Alberta, Canada	63 (2.4) ▲
Moscow City, Russian Fed.	61 (1.9) ▲
British Columbia, Canada	59 (2.7)
Newfoundland & Labrador, Can.	58 (3.0)
Abu Dhabi, UAE	49 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R04 (Rainforests): Why good heading
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	59 (1.6) ▲
Russian Federation	56 (2.2) ▲
Croatia	49 (2.6) ▲
New Zealand	45 (2.0) ▲
Israel	43 (1.8) ▲
United Arab Emirates	43 (1.0) ▲
Lithuania	41 (2.3) ▲
Denmark	40 (1.8) ▲
Malta	40 (3.4)
Portugal	39 (1.8) ▲
Qatar	38 (1.9)
Italy	37 (2.2)
Norway (5)	36 (2.4)
Chinese Taipei	36 (2.4)
International Average	**35 (0.4)**
Slovenia	29 (2.0) ▼
Slovak Republic	29 (2.0) ▼
Spain	28 (1.5) ▼
Czech Republic	28 (1.7) ▼
Germany	26 (1.6) ▼
Sweden	26 (1.9) ▼
Kazakhstan	24 (1.5) ▼
Finland	22 (1.6) ▼
Hungary	21 (2.1) ▼
Saudi Arabia	21 (2.2) ▼
Belgium (Flemish)	20 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (1.8) ▲
Dubai, UAE	57 (1.3) ▲
Alberta, Canada	45 (2.6) ▲
Newfoundland & Labrador, Can.	43 (2.6) ▲
British Columbia, Canada	42 (2.8) ▲
Quebec, Canada	38 (2.2)
Abu Dhabi, UAE	38 (1.3)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R05 (Rainforests): One thing map helps you understand
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	79 (2.6) ▲
Portugal	76 (2.2) ▲
Russian Federation	75 (2.4) ▲
Norway (5)	75 (1.9) ▲
Belgium (Flemish)	75 (1.9) ▲
Denmark	74 (2.0) ▲
Sweden	73 (2.2) ▲
Slovak Republic	71 (2.0) ▲
Italy	70 (2.1) ▲
New Zealand	69 (1.8) ▲
Singapore	64 (1.2)
Czech Republic	64 (2.3)
Germany	63 (1.9)
International Average	**63 (0.4)**
Hungary	62 (2.7)
Lithuania	61 (2.4)
United Arab Emirates	61 (0.7) ▼
Spain	58 (1.5) ▼
Malta	58 (2.8)
Qatar	55 (2.2) ▼
Israel	55 (2.2) ▼
Finland	52 (2.1) ▼
Kazakhstan	49 (1.7) ▼
Chinese Taipei	46 (2.1) ▼
Slovenia	46 (2.5) ▼
Saudi Arabia	40 (2.6) ▼
Benchmarking Participants	
Dubai, UAE	70 (1.3) ▲
British Columbia, Canada	68 (1.9) ▲
Alberta, Canada	68 (2.6)
Moscow City, Russian Fed.	65 (1.9)
Newfoundland & Labrador, Can.	61 (2.3)
Quebec, Canada	55 (2.0) ▼
Abu Dhabi, UAE	53 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R06 (Rainforests): Which rainforest the oldest
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	86 (2.0) ▲
Finland	84 (1.3) ▲
Portugal	83 (1.3) ▲
Hungary	83 (2.0) ▲
Czech Republic	81 (1.5) ▲
Belgium (Flemish)	81 (2.0) ▲
Spain	80 (1.6) ▲
Denmark	80 (1.8) ▲
Italy	80 (1.8) ▲
Lithuania	80 (2.3)
Norway (5)	79 (1.5) ▲
Croatia	79 (2.5)
Singapore	79 (1.2) ▲
Chinese Taipei	76 (1.6)
International Average	**76 (0.4)**
Israel	75 (1.9)
Germany	75 (1.6)
Slovak Republic	74 (2.0)
Qatar	72 (1.6) ▼
Sweden	72 (2.1)
New Zealand	72 (1.8) ▼
Slovenia	70 (2.2) ▼
Malta	70 (3.0) ▼
United Arab Emirates	64 (1.0) ▼
Kazakhstan	63 (1.6) ▼
Saudi Arabia	56 (2.6) ▼
Benchmarking Participants	
Quebec, Canada	85 (2.1) ▲
Moscow City, Russian Fed.	83 (1.3) ▲
Newfoundland & Labrador, Can.	81 (1.9) ▲
Alberta, Canada	78 (2.5)
British Columbia, Canada	78 (1.9)
Dubai, UAE	76 (1.4)
Abu Dhabi, UAE	54 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R07 (Rainforests): Match rainforest layers (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	50 (2.2) ▲	79 (1.6) ▲
Singapore	49 (1.6) ▲	73 (1.2) ▲
Denmark	44 (2.2) ▲	66 (2.1) ▲
Sweden	43 (2.4) ▲	66 (1.8) ▲
Lithuania	43 (2.3) ▲	69 (2.4) ▲
Czech Republic	40 (1.7) ▲	65 (1.6) ▲
Finland	40 (2.1) ▲	67 (2.1) ▲
Russian Federation	39 (2.0) ▲	67 (2.7) ▲
New Zealand	39 (2.0) ▲	61 (2.1) ▲
Germany	37 (1.7) ▲	58 (1.7)
Portugal	36 (2.1)	63 (1.8) ▲
Slovak Republic	36 (2.4)	57 (2.6)
Croatia	35 (3.3)	60 (2.6)
Norway (5)	34 (1.9)	59 (2.1)
International Average	**33 (0.4)**	**57 (0.4)**
Slovenia	32 (2.0)	54 (2.5)
Italy	31 (1.7)	58 (2.3)
Spain	30 (1.7)	58 (2.0)
Belgium (Flemish)	27 (2.8) ▼	52 (2.8) ▼
Qatar	25 (1.8) ▼	50 (1.6) ▼
United Arab Emirates	25 (0.8) ▼	45 (0.8) ▼
Israel	23 (1.9) ▼	43 (2.1) ▼
Malta	22 (2.6) ▼	50 (3.4) ▼
Hungary	19 (1.6) ▼	42 (2.2) ▼
Kazakhstan	14 (1.1) ▼	38 (1.8) ▼
Saudi Arabia	7 (1.3) ▼	26 (2.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (1.8) ▲	77 (1.6) ▲
Dubai, UAE	41 (1.3) ▲	66 (1.2) ▲
Alberta, Canada	39 (2.9) ▲	65 (2.3) ▲
British Columbia, Canada	38 (2.3) ▲	59 (2.4)
Newfoundland & Labrador, Can.	33 (2.0)	59 (2.3)
Quebec, Canada	32 (2.1)	57 (2.3)
Abu Dhabi, UAE	18 (1.3) ▼	37 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R07A (Rainforests): Match rainforest layers (emergent)
Multiple Choice (Key is C)

Country	Percent Full Credit
Finland	81 (1.4) ▲
Singapore	80 (1.2) ▲
Norway (5)	79 (2.4) ▲
Sweden	79 (1.9) ▲
Denmark	78 (1.9) ▲
Russian Federation	77 (1.9) ▲
Lithuania	77 (2.0) ▲
Spain	76 (1.6) ▲
New Zealand	76 (1.7) ▲
Chinese Taipei	75 (1.8)
Czech Republic	73 (1.7)
Slovak Republic	73 (2.1)
Portugal	72 (2.1)
Croatia	72 (2.5)
Italy	72 (2.0)
International Average	**72 (0.4)**
Slovenia	71 (2.1)
Qatar	71 (1.5)
Germany	70 (1.7)
Kazakhstan	69 (1.8)
Israel	68 (1.8) ▼
Belgium (Flemish)	65 (2.3) ▼
Malta	63 (2.5) ▼
Hungary	62 (2.3) ▼
United Arab Emirates	61 (0.9) ▼
Saudi Arabia	52 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.2) ▲
Alberta, Canada	76 (2.7)
Newfoundland & Labrador, Can.	76 (1.7) ▲
Dubai, UAE	75 (1.3) ▲
British Columbia, Canada	70 (2.0)
Quebec, Canada	66 (1.7) ▼
Abu Dhabi, UAE	56 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R07B (Rainforests): Match rainforest layers (canopy)
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	80 (2.4) ▲
Sweden	79 (1.9) ▲
Chinese Taipei	78 (1.5) ▲
Italy	77 (2.0) ▲
Portugal	77 (1.5) ▲
New Zealand	75 (1.7) ▲
Czech Republic	75 (1.5) ▲
Singapore	75 (1.4) ▲
Lithuania	73 (2.5) ▲
Finland	70 (1.9) ▲
Denmark	70 (2.0) ▲
Spain	70 (1.7) ▲
Germany	70 (1.9) ▲
Slovak Republic	69 (2.6)
Slovenia	67 (2.3)
International Average	**66 (0.4)**
Norway (5)	66 (2.1)
Belgium (Flemish)	65 (3.1)
Malta	64 (2.3)
Croatia	61 (2.9)
Qatar	58 (2.0) ▼
United Arab Emirates	58 (1.0) ▼
Israel	56 (1.8) ▼
Kazakhstan	45 (1.8) ▼
Saudi Arabia	40 (3.2) ▼
Hungary	36 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.4) ▲
Newfoundland & Labrador, Can.	76 (2.4) ▲
British Columbia, Canada	72 (1.8) ▲
Alberta, Canada	72 (2.3) ▲
Dubai, UAE	71 (1.1) ▲
Quebec, Canada	64 (2.7)
Abu Dhabi, UAE	52 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R07C (Rainforests): Match rainforest layers (understory)
Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	80 (1.7) ▲
Croatia	79 (2.3) ▲
Lithuania	77 (2.1) ▲
Finland	73 (1.9) ▲
Singapore	73 (1.3) ▲
Denmark	72 (2.0) ▲
Sweden	71 (2.2) ▲
Czech Republic	71 (1.7) ▲
Norway (5)	69 (2.1) ▲
Hungary	68 (2.2)
New Zealand	67 (1.8)
Russian Federation	67 (2.3)
Germany	65 (1.6)
Slovak Republic	65 (2.7)
International Average	**64 (0.4)**
Portugal	61 (2.0)
Belgium (Flemish)	60 (2.6)
Italy	60 (2.0) ▼
Slovenia	60 (2.9)
Kazakhstan	57 (1.8) ▼
Qatar	57 (2.0) ▼
Spain	56 (2.1) ▼
Malta	55 (3.5) ▼
United Arab Emirates	53 (0.8) ▼
Israel	50 (2.3) ▼
Saudi Arabia	41 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	75 (1.7) ▲
Dubai, UAE	68 (1.5) ▲
Alberta, Canada	67 (2.3)
British Columbia, Canada	66 (2.1)
Newfoundland & Labrador, Can.	66 (2.9)
Quebec, Canada	63 (2.2)
Abu Dhabi, UAE	43 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R07D (Rainforests): Match rainforest layers (forest floor)
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	86 (1.3) ▲
Singapore	75 (1.4) ▲
Denmark	73 (2.0) ▲
Finland	70 (1.9) ▲
Sweden	68 (2.2) ▲
Russian Federation	68 (2.4) ▲
Lithuania	68 (2.6) ▲
Portugal	67 (2.2) ▲
Croatia	66 (3.0)
Czech Republic	64 (2.0)
Spain	63 (2.0)
International Average	**61 (0.4)**
Slovak Republic	61 (2.9)
Germany	60 (1.8)
Hungary	60 (2.3)
Slovenia	58 (2.3)
Norway (5)	58 (2.3)
Italy	58 (2.1)
New Zealand	57 (1.9) ▼
Belgium (Flemish)	57 (2.8)
Qatar	53 (1.9) ▼
Malta	51 (2.6) ▼
United Arab Emirates	50 (0.9) ▼
Israel	50 (2.4) ▼
Kazakhstan	47 (1.5) ▼
Saudi Arabia	42 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	73 (1.8) ▲
Dubai, UAE	69 (1.2) ▲
Newfoundland & Labrador, Can.	67 (2.7) ▲
Quebec, Canada	66 (2.8)
British Columbia, Canada	62 (2.1)
Alberta, Canada	61 (3.0)
Abu Dhabi, UAE	40 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R08 (Rainforests): Why picture separated into parts
Constructed Response (1 Point)

Country	Percent Full Credit
Italy	58 (2.2) ▲
Russian Federation	56 (2.3) ▲
Czech Republic	55 (2.5) ▲
Singapore	52 (1.5) ▲
Croatia	50 (3.1) ▲
Finland	48 (2.2) ▲
Chinese Taipei	47 (2.2) ▲
Portugal	45 (2.1)
New Zealand	44 (2.2)
Kazakhstan	43 (1.7)
Israel	42 (2.3)
Lithuania	42 (2.1)
Germany	41 (1.9)
International Average	**41 (0.4)**
United Arab Emirates	40 (0.8)
Norway (5)	40 (2.0)
Spain	36 (1.8) ▼
Denmark	36 (2.2) ▼
Sweden	35 (2.4) ▼
Hungary	34 (2.5) ▼
Qatar	33 (1.8) ▼
Slovak Republic	33 (2.0) ▼
Belgium (Flemish)	33 (2.2) ▼
Malta	32 (2.4) ▼
Slovenia	30 (2.3) ▼
Saudi Arabia	24 (2.5) ▼
Benchmarking Participants	
Dubai, UAE	55 (1.6) ▲
Moscow City, Russian Fed.	47 (2.4) ▲
British Columbia, Canada	41 (2.5)
Alberta, Canada	40 (2.8)
Newfoundland & Labrador, Can.	38 (2.7)
Quebec, Canada	36 (2.4) ▼
Abu Dhabi, UAE	31 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R09 (Rainforests): Why live in canopy
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	70 (1.1) ▲
Chinese Taipei	65 (1.9) ▲
Norway (5)	65 (1.9) ▲
Croatia	64 (3.0) ▲
Spain	61 (1.6) ▲
Hungary	58 (2.5)
Russian Federation	58 (3.0)
Denmark	58 (2.1) ▲
Lithuania	57 (2.7)
New Zealand	56 (2.1)
Slovak Republic	55 (1.9)
Czech Republic	54 (1.8)
Sweden	54 (2.8)
International Average	**54 (0.4)**
Malta	53 (2.7)
Israel	51 (1.9)
Portugal	50 (1.9)
United Arab Emirates	50 (0.9) ▼
Belgium (Flemish)	49 (2.5)
Finland	49 (1.9) ▼
Italy	47 (2.1) ▼
Slovenia	46 (2.5) ▼
Qatar	46 (2.1) ▼
Kazakhstan	46 (1.5) ▼
Germany	43 (1.9) ▼
Saudi Arabia	38 (3.7) ▼
Benchmarking Participants	
Dubai, UAE	65 (1.4) ▲
Moscow City, Russian Fed.	65 (1.9) ▲
British Columbia, Canada	60 (1.8) ▲
Newfoundland & Labrador, Can.	59 (3.4)
Quebec, Canada	59 (1.9) ▲
Alberta, Canada	58 (2.3)
Abu Dhabi, UAE	41 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R10 (Rainforests): How spider monkeys got name
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	82 (1.0) ▲
Hungary	79 (2.3) ▲
Finland	78 (1.6) ▲
Norway (5)	78 (1.9) ▲
Russian Federation	77 (1.9) ▲
Croatia	75 (2.3) ▲
Slovak Republic	75 (2.1) ▲
Chinese Taipei	74 (2.0) ▲
Germany	73 (1.7)
Sweden	73 (2.3)
Lithuania	72 (2.1)
New Zealand	72 (1.7)
Czech Republic	70 (1.6)
Spain	70 (1.5)
International Average	**70 (0.4)**
Malta	69 (3.1)
Portugal	68 (2.1)
Denmark	68 (2.2)
Italy	67 (2.0)
Qatar	65 (1.8) ▼
United Arab Emirates	65 (0.7) ▼
Israel	63 (2.0) ▼
Slovenia	60 (2.4) ▼
Belgium (Flemish)	59 (2.6) ▼
Kazakhstan	54 (1.8) ▼
Saudi Arabia	53 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.4) ▲
Dubai, UAE	77 (1.2) ▲
Alberta, Canada	74 (2.3)
British Columbia, Canada	72 (1.9)
Newfoundland & Labrador, Can.	71 (2.6)
Abu Dhabi, UAE	60 (1.3) ▼
Quebec, Canada	59 (2.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R11 (Rainforests): Two facts about poison-arrow frog
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	56 (1.7) ▲	82 (1.1) ▲
Lithuania	45 (2.4) ▲	74 (2.2) ▲
Chinese Taipei	44 (2.3) ▲	76 (2.1) ▲
Russian Federation	43 (2.6) ▲	73 (2.4) ▲
Hungary	41 (2.8) ▲	73 (2.6) ▲
Finland	38 (1.9) ▲	77 (1.6) ▲
Italy	37 (2.1) ▲	66 (2.2)
Croatia	37 (2.6) ▲	71 (2.8) ▲
Sweden	30 (2.4)	67 (2.1) ▲
United Arab Emirates	30 (1.0)	58 (1.1) ▼
International Average	**29 (0.4)**	**62 (0.4)**
Slovak Republic	28 (2.3)	61 (2.9)
Qatar	28 (1.9)	59 (1.8)
Kazakhstan	27 (1.4)	60 (1.7)
Norway (5)	27 (1.9)	70 (2.1) ▲
New Zealand	26 (1.9)	63 (2.2)
Czech Republic	25 (1.8) ▼	60 (2.0)
Saudi Arabia	23 (2.5) ▼	47 (2.9) ▼
Slovenia	22 (2.0) ▼	54 (2.5) ▼
Israel	22 (1.7) ▼	54 (2.3) ▼
Spain	21 (1.4) ▼	54 (2.1) ▼
Portugal	20 (1.6) ▼	52 (1.8) ▼
Denmark	18 (1.8) ▼	66 (2.2)
Malta	16 (1.7) ▼	55 (2.6) ▼
Germany	11 (1.0) ▼	41 (1.7) ▼
Belgium (Flemish)	10 (1.5) ▼	42 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	52 (2.0) ▲	80 (1.7) ▲
Dubai, UAE	43 (1.3) ▲	75 (1.3) ▲
Quebec, Canada	38 (2.0) ▲	69 (2.5) ▲
British Columbia, Canada	22 (2.2) ▼	58 (2.2)
Abu Dhabi, UAE	22 (1.5) ▼	47 (1.3) ▼
Newfoundland & Labrador, Can.	21 (2.1) ▼	61 (2.5)
Alberta, Canada	20 (2.2) ▼	59 (2.9)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R12 (Rainforests): Why jaguars don't see sloths
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	83 (1.1) ▲
Hungary	81 (2.3) ▲
Finland	81 (1.5) ▲
Russian Federation	79 (2.3) ▲
Sweden	78 (1.7) ▲
Norway (5)	77 (1.7) ▲
Slovenia	76 (2.0) ▲
Lithuania	76 (1.7) ▲
Denmark	74 (1.9) ▲
Chinese Taipei	73 (1.8) ▲
Croatia	72 (2.8)
New Zealand	70 (1.9)
International Average	**69 (0.4)**
Slovak Republic	67 (2.6)
Czech Republic	67 (2.3)
Italy	67 (1.7)
Germany	66 (1.5)
Spain	66 (1.6) ▼
Portugal	64 (2.3) ▼
Malta	64 (2.4) ▼
United Arab Emirates	60 (1.0) ▼
Belgium (Flemish)	60 (2.4) ▼
Qatar	59 (1.8) ▼
Kazakhstan	58 (1.7) ▼
Israel	57 (2.3) ▼
Saudi Arabia	55 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.3) ▲
Dubai, UAE	77 (1.0) ▲
British Columbia, Canada	73 (2.5)
Quebec, Canada	73 (1.5) ▲
Alberta, Canada	72 (1.7)
Newfoundland & Labrador, Can.	68 (1.8)
Abu Dhabi, UAE	50 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R13 (Rainforests): Which website discusses rainforest preservation
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	72 (2.1) ▲
Chinese Taipei	65 (2.1) ▲
Finland	65 (1.7) ▲
Croatia	64 (3.1) ▲
Italy	63 (1.9) ▲
Israel	62 (2.2) ▲
Czech Republic	62 (2.1)
Singapore	61 (1.3) ▲
Spain	61 (2.2)
Hungary	60 (2.7)
Sweden	59 (2.4)
Slovak Republic	58 (2.3)
Kazakhstan	58 (2.0)
International Average	**58 (0.5)**
Belgium (Flemish)	57 (2.1)
Denmark	57 (2.2)
Norway (5)	57 (2.2)
Qatar	56 (2.0)
Slovenia	56 (2.6)
Lithuania	55 (2.1)
Portugal	54 (1.9) ▼
New Zealand	54 (2.1) ▼
United Arab Emirates	52 (1.0) ▼
Germany	51 (2.0) ▼
Malta	46 (4.4) ▼
Saudi Arabia	41 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.7) ▲
Dubai, UAE	60 (1.9)
Alberta, Canada	58 (2.4)
British Columbia, Canada	56 (2.8)
Quebec, Canada	53 (2.1) ▼
Newfoundland & Labrador, Can.	51 (2.5) ▼
Abu Dhabi, UAE	45 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R14 (Rainforests): Most important benefit of rainforsts
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	77 (1.4) ▲
Russian Federation	71 (2.1) ▲
Spain	68 (1.9) ▲
Croatia	67 (2.9) ▲
Finland	65 (1.7) ▲
Czech Republic	65 (2.2) ▲
Norway (5)	64 (1.9) ▲
Slovak Republic	64 (2.3) ▲
Portugal	62 (1.9) ▲
Israel	61 (2.1)
Sweden	60 (2.1)
New Zealand	59 (1.9)
Hungary	58 (2.5)
International Average	**58 (0.4)**
Kazakhstan	58 (1.8)
Qatar	57 (1.9)
United Arab Emirates	56 (0.8)
Italy	56 (2.3)
Germany	54 (1.6) ▼
Malta	54 (3.1)
Denmark	52 (2.3) ▼
Lithuania	52 (2.5) ▼
Slovenia	50 (2.3) ▼
Belgium (Flemish)	47 (2.4) ▼
Saudi Arabia	43 (3.6) ▼
Chinese Taipei	36 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	78 (1.6) ▲
Dubai, UAE	74 (1.2) ▲
Alberta, Canada	61 (2.5)
Quebec, Canada	60 (2.3)
Newfoundland & Labrador, Can.	56 (2.6)
British Columbia, Canada	55 (2.3)
Abu Dhabi, UAE	44 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R15 (Rainforests): Two reasons why rainforests cut down
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	80 (1.4) ▲
Finland	68 (2.1) ▲
Hungary	68 (2.6) ▲
Croatia	67 (3.2) ▲
Czech Republic	64 (2.3) ▲
Russian Federation	64 (2.5) ▲
Lithuania	63 (2.4) ▲
Chinese Taipei	61 (1.7) ▲
New Zealand	60 (1.9)
Italy	60 (2.5)
Denmark	59 (2.4)
Slovenia	59 (2.6)
International Average	**58 (0.5)**
Israel	57 (2.2)
Qatar	56 (2.2)
Spain	56 (1.4)
Sweden	56 (2.6)
Slovak Republic	55 (2.9)
Norway (5)	55 (2.3)
Malta	54 (2.5)
Belgium (Flemish)	52 (2.6) ▼
United Arab Emirates	51 (0.9) ▼
Portugal	50 (2.2) ▼
Germany	48 (1.7) ▼
Kazakhstan	40 (1.9) ▼
Saudi Arabia	36 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.7) ▲
Dubai, UAE	69 (1.4) ▲
Alberta, Canada	65 (2.2) ▲
British Columbia, Canada	63 (2.4) ▲
Newfoundland & Labrador, Can.	58 (2.4)
Quebec, Canada	52 (2.4) ▼
Abu Dhabi, UAE	39 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041R16 (Rainforests): How cutting down trees affect rainforest animals
Constructed Response (1 Point)

Country	Percent Full Credit
Chinese Taipei	74 (2.2) ▲
Singapore	72 (1.4) ▲
Croatia	64 (3.2) ▲
Russian Federation	62 (2.5) ▲
Czech Republic	61 (2.3) ▲
Denmark	61 (2.7) ▲
Sweden	60 (2.2) ▲
New Zealand	60 (2.0) ▲
Slovak Republic	57 (2.7)
Norway (5)	57 (2.7)
Germany	56 (2.0)
Lithuania	55 (2.4)
Malta	55 (2.8)
Spain	54 (1.9)
Hungary	54 (2.4)
Slovenia	54 (2.8)
International Average	**53 (0.5)**
Portugal	47 (1.8) ▼
Italy	46 (2.6) ▼
Qatar	43 (2.7) ▼
United Arab Emirates	40 (1.1) ▼
Kazakhstan	39 (2.1) ▼
Belgium (Flemish)	37 (2.9) ▼
Israel	36 (1.9) ▼
Saudi Arabia	25 (3.3) ▼
Finland	– –
Benchmarking Participants	
Alberta, Canada	63 (1.9) ▲
Moscow City, Russian Fed.	63 (1.7) ▲
Dubai, UAE	60 (1.5) ▲
British Columbia, Canada	60 (2.6) ▲
Newfoundland & Labrador, Can.	57 (3.0)
Quebec, Canada	56 (2.5)
Abu Dhabi, UAE	32 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

E041T01 (The Legend of Troy): Which website helps you learn about Troy
Multiple Choice (Key is B)

Country	Percent Full Credit
Italy	74 (1.8) ▲
Spain	67 (1.7) ▲
Finland	63 (1.7) ▲
Chinese Taipei	63 (1.9) ▲
Russian Federation	62 (2.2) ▲
Hungary	62 (2.5) ▲
Slovak Republic	61 (2.8) ▲
New Zealand	61 (2.2) ▲
Singapore	61 (1.4) ▲
Sweden	61 (2.2) ▲
Lithuania	60 (2.1)
Portugal	60 (2.1)
Israel	58 (2.1)
Malta	57 (2.6)
International Average	**56 (0.4)**
Belgium (Flemish)	54 (2.5)
Czech Republic	53 (1.9)
Norway (5)	52 (2.5)
United Arab Emirates	52 (1.0) ▼
Denmark	52 (2.2)
Germany	51 (1.6) ▼
Kazakhstan	47 (1.8) ▼
Qatar	47 (2.1) ▼
Slovenia	45 (2.5) ▼
Croatia	39 (2.9) ▼
Saudi Arabia	37 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	71 (1.8) ▲
British Columbia, Canada	65 (2.2) ▲
Dubai, UAE	62 (1.7) ▲
Alberta, Canada	60 (2.7)
Newfoundland & Labrador, Can.	53 (4.1)
Quebec, Canada	49 (2.6) ▼
Abu Dhabi, UAE	46 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T02 (The Legend of Troy): Why Troy had high walls
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	94 (1.2) ▲
Lithuania	94 (0.9) ▲
Italy	94 (0.9) ▲
Hungary	93 (1.0) ▲
Croatia	93 (1.8) ▲
Finland	93 (0.9) ▲
Denmark	93 (1.1) ▲
Singapore	92 (0.8) ▲
Sweden	92 (1.1) ▲
Spain	91 (1.0) ▲
Norway (5)	91 (1.3) ▲
Czech Republic	90 (1.2) ▲
Chinese Taipei	90 (1.3) ▲
Belgium (Flemish)	89 (1.6)
Israel	88 (1.2)
Slovenia	87 (1.3)
International Average	**87 (0.3)**
New Zealand	85 (1.4)
Portugal	84 (1.5)
Slovak Republic	83 (2.1)
Germany	83 (1.4) ▼
Malta	80 (2.1) ▼
Kazakhstan	78 (1.3) ▼
Qatar	72 (1.6) ▼
United Arab Emirates	72 (0.8) ▼
Saudi Arabia	61 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	96 (0.7) ▲
Quebec, Canada	93 (1.3) ▲
Newfoundland & Labrador, Can.	89 (1.7)
Dubai, UAE	88 (0.8) ▲
British Columbia, Canada	88 (1.1)
Alberta, Canada	88 (1.7)
Abu Dhabi, UAE	59 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T03 (The Legend of Troy): Why repeat "year after year"
Multiple Choice (Key is C)

Country	Percent Full Credit
Finland	66 (2.0) ▲
Croatia	64 (3.3) ▲
Hungary	63 (2.5) ▲
Italy	63 (2.2) ▲
Sweden	62 (2.0) ▲
Norway (5)	62 (2.1) ▲
Belgium (Flemish)	60 (2.7) ▲
Israel	58 (2.2) ▲
Slovak Republic	58 (3.5)
Singapore	57 (1.4) ▲
Denmark	57 (1.9)
Czech Republic	56 (2.0)
Portugal	56 (2.2)
Lithuania	55 (2.8)
Kazakhstan	54 (1.5)
International Average	**54 (0.4)**
Germany	54 (1.9)
Malta	53 (3.0)
New Zealand	50 (2.0)
Slovenia	48 (2.3) ▼
United Arab Emirates	45 (1.0) ▼
Chinese Taipei	43 (2.0) ▼
Russian Federation	43 (1.9) ▼
Spain	42 (1.8) ▼
Qatar	39 (1.9) ▼
Saudi Arabia	36 (2.4) ▼
Benchmarking Participants	
British Columbia, Canada	59 (2.1) ▲
Alberta, Canada	57 (2.9)
Dubai, UAE	56 (1.5)
Newfoundland & Labrador, Can.	54 (2.5)
Moscow City, Russian Fed.	44 (1.8) ▼
Quebec, Canada	44 (2.0) ▼
Abu Dhabi, UAE	41 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T04 (The Legend of Troy): How Greeks beat Trojans
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	88 (1.4) ▲
Italy	87 (1.3) ▲
Lithuania	86 (1.7) ▲
Croatia	86 (2.3) ▲
Norway (5)	86 (1.5) ▲
Finland	85 (1.3) ▲
Denmark	85 (1.6) ▲
Belgium (Flemish)	85 (1.9) ▲
Portugal	83 (1.6) ▲
Sweden	82 (1.5)
Spain	82 (1.3) ▲
Singapore	82 (1.1) ▲
Slovak Republic	81 (2.4)
Germany	81 (1.6)
Czech Republic	81 (1.9)
Israel	80 (1.5)
Slovenia	80 (1.7)
Russian Federation	80 (2.5)
International Average	**79 (0.4)**
New Zealand	75 (1.7) ▼
Hungary	73 (1.9) ▼
Malta	71 (3.1) ▼
Kazakhstan	70 (1.7) ▼
Qatar	69 (1.7) ▼
United Arab Emirates	66 (0.7) ▼
Saudi Arabia	53 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.3) ▲
Quebec, Canada	87 (1.3) ▲
Dubai, UAE	82 (1.1) ▲
British Columbia, Canada	81 (1.9)
Alberta, Canada	75 (3.2)
Newfoundland & Labrador, Can.	72 (2.5) ▼
Abu Dhabi, UAE	58 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T05 (The Legend of Troy): Why general sailed off
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	76 (2.9) ▲	91 (1.9) ▲
Finland	75 (1.7) ▲	93 (0.9) ▲
Russian Federation	75 (2.4) ▲	90 (2.1) ▲
Czech Republic	73 (2.0) ▲	93 (0.9) ▲
Slovak Republic	72 (2.5) ▲	91 (1.8) ▲
Singapore	71 (1.4) ▲	91 (0.8) ▲
Lithuania	69 (2.0) ▲	89 (1.3) ▲
Chinese Taipei	68 (1.8) ▲	91 (1.3) ▲
Sweden	67 (2.0) ▲	87 (1.6)
Denmark	66 (2.2) ▲	89 (1.4) ▲
Hungary	65 (2.4) ▲	91 (1.4) ▲
Italy	63 (2.0)	89 (1.2) ▲
Spain	63 (2.2)	88 (1.4)
Portugal	61 (1.7)	88 (1.4)
International Average	**60 (0.4)**	**86 (0.3)**
Belgium (Flemish)	58 (2.9)	85 (2.1)
Israel	55 (2.4) ▼	80 (2.0) ▼
New Zealand	55 (2.0) ▼	83 (1.6)
Slovenia	54 (2.5) ▼	88 (1.3)
Norway (5)	53 (2.3) ▼	89 (1.4) ▲
Malta	53 (2.6) ▼	79 (1.7) ▼
Germany	52 (2.0) ▼	83 (1.6) ▼
United Arab Emirates	45 (0.8) ▼	71 (0.7) ▼
Kazakhstan	45 (1.8) ▼	86 (1.3)
Qatar	44 (2.1) ▼	76 (1.5) ▼
Saudi Arabia	25 (3.0) ▼	60 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	73 (1.7) ▲	95 (0.8) ▲
British Columbia, Canada	67 (2.3) ▲	86 (1.4)
Dubai, UAE	66 (1.5) ▲	86 (1.0)
Alberta, Canada	60 (3.0)	85 (2.3)
Quebec, Canada	58 (2.1)	88 (1.4)
Newfoundland & Labrador, Can.	55 (2.4) ▼	84 (2.2)
Abu Dhabi, UAE	33 (1.4) ▼	57 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T06 (The Legend of Troy): What discovery may make legend true
Constructed Response (1 Point)

Country	Percent Full Credit
Finland	75 (1.7) ▲
Croatia	74 (3.2) ▲
Chinese Taipei	73 (1.7) ▲
Czech Republic	69 (2.1) ▲
Russian Federation	63 (2.4) ▲
Lithuania	62 (2.2) ▲
Norway (5)	62 (2.4)
Sweden	62 (2.1) ▲
Spain	61 (2.0)
Hungary	61 (2.6)
Singapore	60 (1.6)
Germany	60 (1.9)
New Zealand	59 (1.9)
Slovak Republic	58 (3.3)
International Average	**58 (0.4)**
Italy	56 (2.2)
Denmark	56 (1.9)
Qatar	55 (2.1)
Malta	55 (2.3)
United Arab Emirates	51 (0.8) ▼
Belgium (Flemish)	49 (2.9) ▼
Kazakhstan	47 (1.7) ▼
Slovenia	46 (2.3) ▼
Israel	44 (1.9) ▼
Saudi Arabia	43 (2.9) ▼
Portugal	38 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.7) ▲
Dubai, UAE	68 (1.1) ▲
British Columbia, Canada	60 (2.5)
Newfoundland & Labrador, Can.	58 (2.8)
Quebec, Canada	58 (1.9)
Alberta, Canada	56 (3.0)
Abu Dhabi, UAE	39 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T08 (The Legend of Troy): How archaeologists are like detectives
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	80 (3.0) ▲
Singapore	80 (1.2) ▲
Hungary	79 (1.6) ▲
Russian Federation	73 (3.0) ▲
Finland	71 (2.0) ▲
New Zealand	65 (2.1) ▲
Malta	65 (2.4) ▲
Norway (5)	64 (2.2)
Chinese Taipei	62 (2.1)
Spain	61 (1.8)
International Average	**60 (0.4)**
Germany	60 (1.8)
Qatar	60 (2.0)
Sweden	59 (2.3)
United Arab Emirates	59 (0.8)
Kazakhstan	58 (1.9)
Slovak Republic	56 (3.4)
Denmark	56 (2.2) ▼
Belgium (Flemish)	55 (2.5) ▼
Saudi Arabia	54 (2.4) ▼
Czech Republic	53 (1.9) ▼
Portugal	53 (2.2) ▼
Lithuania	52 (2.1) ▼
Israel	48 (2.2) ▼
Slovenia	45 (2.5) ▼
Italy	38 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.6) ▲
Dubai, UAE	72 (1.1) ▲
British Columbia, Canada	61 (2.5)
Newfoundland & Labrador, Can.	59 (2.3)
Quebec, Canada	59 (2.2)
Alberta, Canada	58 (3.2)
Abu Dhabi, UAE	48 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T09 (The Legend of Troy): Why "the further down... the older things are"
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	47 (1.5) ▲
Chinese Taipei	43 (2.2) ▲
Croatia	38 (3.1) ▲
Hungary	37 (2.0) ▲
Sweden	36 (2.3) ▲
Norway (5)	34 (2.5) ▲
Kazakhstan	34 (1.6) ▲
Lithuania	32 (1.8)
Denmark	32 (2.2)
Malta	31 (2.4)
Spain	30 (1.7)
International Average	**29 (0.4)**
Qatar	28 (1.4)
United Arab Emirates	28 (0.9)
Portugal	28 (1.9)
Finland	28 (1.5)
New Zealand	27 (2.0)
Czech Republic	26 (1.5)
Slovak Republic	24 (2.5) ▼
Germany	23 (1.8) ▼
Belgium (Flemish)	21 (2.1) ▼
Israel	21 (1.5) ▼
Saudi Arabia	21 (2.4) ▼
Italy	18 (2.1) ▼
Slovenia	8 (0.9) ▼
Russian Federation	– –
Benchmarking Participants	
Dubai, UAE	35 (1.2) ▲
Quebec, Canada	32 (1.9)
British Columbia, Canada	32 (1.8)
Alberta, Canada	29 (2.1)
Newfoundland & Labrador, Can.	28 (1.7)
Abu Dhabi, UAE	21 (1.0) ▼
Moscow City, Russian Fed.	– –

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

E041T10 (The Legend of Troy): Why archaeolgists dig in grid
Constructed Response (1 Point)

Country	Percent Full Credit
Czech Republic	73 (2.0) ▲
Norway (5)	69 (2.0) ▲
Croatia	69 (2.4) ▲
Singapore	69 (1.3) ▲
Chinese Taipei	68 (2.0) ▲
Spain	63 (1.6) ▲
Russian Federation	62 (3.1) ▲
Hungary	62 (2.3) ▲
Lithuania	60 (1.9) ▲
Sweden	59 (2.2) ▲
Slovak Republic	57 (3.1)
International Average	**54 (0.4)**
Israel	53 (2.0)
Belgium (Flemish)	51 (2.8)
Finland	50 (1.9)
Italy	50 (2.0)
Qatar	50 (2.1) ▼
Malta	49 (2.5)
Kazakhstan	49 (2.2) ▼
Denmark	48 (2.1) ▼
United Arab Emirates	47 (1.0) ▼
New Zealand	44 (2.5) ▼
Saudi Arabia	42 (3.2) ▼
Slovenia	36 (2.1) ▼
Portugal	32 (1.7) ▼
Germany	28 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (1.7) ▲
Dubai, UAE	63 (1.2) ▲
Quebec, Canada	53 (2.1)
Alberta, Canada	51 (2.6)
British Columbia, Canada	49 (2.2) ▼
Newfoundland & Labrador, Can.	44 (3.9) ▼
Abu Dhabi, UAE	36 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

E041T11 (The Legend of Troy): What is Hisarlik
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	87 (2.6) ▲
Italy	83 (1.6) ▲
Czech Republic	82 (1.7) ▲
Finland	78 (1.5) ▲
Croatia	78 (2.2) ▲
Singapore	76 (1.2) ▲
Germany	75 (1.5) ▲
Spain	75 (1.5) ▲
Denmark	74 (2.1) ▲
Slovak Republic	74 (3.9)
Slovenia	73 (1.6) ▲
Belgium (Flemish)	73 (2.3)
Hungary	72 (2.0)
New Zealand	71 (1.9)
Malta	70 (2.4)
International Average	**70 (0.4)**
Chinese Taipei	69 (2.1)
Sweden	69 (2.0)
Portugal	66 (2.0) ▼
Norway (5)	64 (2.0) ▼
United Arab Emirates	62 (0.9) ▼
Israel	60 (2.2) ▼
Qatar	59 (1.9) ▼
Lithuania	56 (2.2) ▼
Kazakhstan	55 (1.6) ▼
Saudi Arabia	38 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.2) ▲
Quebec, Canada	80 (1.9) ▲
Dubai, UAE	76 (1.2) ▲
British Columbia, Canada	69 (2.2)
Alberta, Canada	67 (3.1)
Newfoundland & Labrador, Can.	63 (3.0) ▼
Abu Dhabi, UAE	52 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T12 (The Legend of Troy): In which country is Hisarlik
Multiple Choice (Key is A)

Country	Percent Full Credit
Norway (5)	86 (1.4) ▲
Finland	85 (0.9) ▲
Sweden	84 (1.6) ▲
Croatia	84 (2.1) ▲
Lithuania	83 (2.1) ▲
Denmark	82 (2.0) ▲
Czech Republic	82 (1.4) ▲
Portugal	81 (1.8) ▲
Russian Federation	80 (2.3)
Singapore	80 (1.1) ▲
Slovak Republic	78 (2.3)
Italy	78 (1.5)
Spain	78 (1.7)
International Average	**77 (0.4)**
Chinese Taipei	77 (1.5)
Hungary	76 (1.8)
Qatar	76 (1.4)
New Zealand	76 (1.7)
Israel	75 (1.9)
Malta	75 (2.2)
Belgium (Flemish)	74 (1.7)
Germany	73 (1.4) ▼
United Arab Emirates	70 (0.8) ▼
Kazakhstan	68 (1.6) ▼
Saudi Arabia	67 (3.3) ▼
Slovenia	67 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.5) ▲
Quebec, Canada	82 (1.7) ▲
Dubai, UAE	81 (1.1) ▲
Alberta, Canada	81 (1.8)
Newfoundland & Labrador, Can.	78 (2.3)
British Columbia, Canada	73 (2.0) ▼
Abu Dhabi, UAE	61 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T13 (The Legend of Troy): What Schliemann understood
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	75 (1.7) ▲
Slovak Republic	71 (2.8) ▲
Singapore	70 (1.4) ▲
Croatia	69 (2.4) ▲
Denmark	69 (2.3) ▲
Belgium (Flemish)	66 (2.3)
Israel	66 (1.9) ▲
Norway (5)	65 (2.2)
Hungary	65 (2.3)
Czech Republic	65 (2.0)
Russian Federation	64 (2.1)
Finland	63 (2.7)
International Average	**62 (0.4)**
Italy	61 (1.8)
Germany	61 (1.7)
Slovenia	60 (2.3)
Malta	60 (2.3)
Spain	59 (1.7)
Sweden	58 (2.4)
New Zealand	58 (1.7) ▼
Lithuania	56 (2.2) ▼
Qatar	54 (1.9) ▼
United Arab Emirates	52 (1.0) ▼
Portugal	51 (2.2) ▼
Saudi Arabia	51 (2.8) ▼
Kazakhstan	51 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	72 (1.9) ▲
Dubai, UAE	69 (1.1) ▲
British Columbia, Canada	67 (2.2) ▲
Alberta, Canada	65 (2.6)
Newfoundland & Labrador, Can.	65 (2.4)
Quebec, Canada	59 (1.8)
Abu Dhabi, UAE	44 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T14 (The Legend of Troy): Writer's opinion of Schliemann
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	64 (1.3) ▲
Russian Federation	58 (3.1) ▲
Czech Republic	58 (2.0) ▲
Sweden	54 (2.7) ▲
Lithuania	53 (2.3) ▲
Chinese Taipei	52 (2.1) ▲
Hungary	50 (2.3) ▲
Israel	49 (2.5)
Croatia	47 (2.5)
New Zealand	47 (2.6)
Italy	46 (2.4)
Malta	46 (3.0)
International Average	**45 (0.5)**
Portugal	45 (2.5)
Norway (5)	43 (2.7)
Kazakhstan	43 (1.5)
Finland	43 (2.0)
United Arab Emirates	42 (1.0)
Germany	41 (2.0)
Qatar	39 (1.7) ▼
Spain	37 (1.9) ▼
Belgium (Flemish)	37 (3.0) ▼
Denmark	34 (2.1) ▼
Slovak Republic	32 (2.5) ▼
Slovenia	29 (2.1) ▼
Saudi Arabia	27 (2.8) ▼
Benchmarking Participants	
Dubai, UAE	57 (1.9) ▲
Moscow City, Russian Fed.	54 (1.9) ▲
Newfoundland & Labrador, Can.	49 (2.5)
Quebec, Canada	48 (2.1)
British Columbia, Canada	48 (2.6)
Alberta, Canada	48 (2.6)
Abu Dhabi, UAE	31 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T15 (The Legend of Troy): Dorpfeld's discovery
Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	75 (1.5) ▲
Lithuania	74 (2.2) ▲
Finland	73 (1.4) ▲
Chinese Taipei	72 (1.9) ▲
Croatia	66 (2.2) ▲
Sweden	64 (2.6) ▲
Russian Federation	63 (2.8) ▲
Italy	62 (2.0) ▲
Denmark	61 (2.4)
Hungary	59 (2.7)
Czech Republic	59 (1.7)
New Zealand	57 (2.1)
International Average	**57 (0.4)**
Slovak Republic	56 (3.3)
Malta	55 (2.7)
Slovenia	55 (2.4)
Israel	53 (2.0)
Kazakhstan	52 (1.8) ▼
Spain	52 (1.9) ▼
Norway (5)	51 (2.3) ▼
Portugal	50 (2.1) ▼
United Arab Emirates	46 (0.8) ▼
Qatar	44 (1.8) ▼
Germany	43 (1.6) ▼
Belgium (Flemish)	42 (2.8) ▼
Saudi Arabia	36 (3.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.9) ▲
Dubai, UAE	63 (1.4) ▲
British Columbia, Canada	62 (2.6) ▲
Alberta, Canada	62 (3.3)
Quebec, Canada	60 (2.0)
Newfoundland & Labrador, Can.	55 (3.3)
Abu Dhabi, UAE	35 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T16 (The Legend of Troy): When city at Level 2 existed
Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	91 (1.3) ▲
Denmark	87 (1.4) ▲
Singapore	87 (1.0) ▲
Russian Federation	84 (2.1) ▲
Lithuania	83 (2.0) ▲
Norway (5)	82 (1.8) ▲
Croatia	82 (2.4)
Spain	81 (1.6)
Sweden	81 (2.0)
Italy	80 (1.8)
Portugal	80 (1.6)
Finland	80 (1.4)
International Average	**78 (0.4)**
Belgium (Flemish)	76 (2.4)
Slovak Republic	76 (2.6)
Kazakhstan	75 (1.6)
New Zealand	75 (1.8)
Hungary	75 (2.0)
Czech Republic	74 (1.6) ▼
Slovenia	74 (1.8)
Malta	74 (2.8)
Israel	73 (1.9) ▼
United Arab Emirates	72 (0.7) ▼
Saudi Arabia	68 (2.5) ▼
Qatar	67 (2.2) ▼
Germany	67 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	95 (0.9) ▲
Dubai, UAE	83 (1.0) ▲
Alberta, Canada	80 (2.3)
British Columbia, Canada	72 (2.0) ▼
Newfoundland & Labrador, Can.	72 (2.7) ▼
Quebec, Canada	70 (1.5) ▼
Abu Dhabi, UAE	65 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T17 (The Legend of Troy): Why Level 6 green
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	72 (1.9) ▲
Finland	69 (1.7) ▲
Hungary	69 (2.7) ▲
Chinese Taipei	67 (2.1) ▲
Singapore	66 (1.5) ▲
Czech Republic	64 (2.3) ▲
Norway (5)	64 (2.2) ▲
Israel	63 (2.1) ▲
Slovak Republic	63 (3.0) ▲
Lithuania	63 (1.8) ▲
Spain	61 (2.3) ▲
Denmark	60 (2.0) ▲
Portugal	59 (1.9) ▲
Italy	58 (2.6)
New Zealand	57 (2.2)
International Average	**56 (0.4)**
Sweden	55 (2.1)
Malta	55 (2.8)
Belgium (Flemish)	49 (2.5) ▼
Croatia	48 (2.7) ▼
United Arab Emirates	48 (0.9) ▼
Qatar	43 (2.4) ▼
Germany	38 (2.0) ▼
Saudi Arabia	37 (2.6) ▼
Kazakhstan	34 (1.8) ▼
Slovenia	29 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.7) ▲
Quebec, Canada	62 (1.9) ▲
Dubai, UAE	62 (1.6) ▲
Newfoundland & Labrador, Can.	57 (2.9)
British Columbia, Canada	57 (2.0)
Alberta, Canada	53 (3.3)
Abu Dhabi, UAE	39 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T18 (The Legend of Troy): Ordering (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	58 (1.6) ▲
Chinese Taipei	52 (2.0) ▲
Russian Federation	51 (3.5) ▲
Finland	48 (2.3) ▲
Sweden	47 (2.3) ▲
Croatia	46 (3.4) ▲
Hungary	46 (2.4) ▲
Italy	43 (2.1)
Denmark	41 (2.3)
Lithuania	41 (2.0)
Malta	41 (2.8)
New Zealand	40 (2.5)
Germany	40 (1.9)
International Average	**40 (0.5)**
Israel	40 (2.2)
Czech Republic	38 (2.2)
Spain	35 (2.1) ▼
United Arab Emirates	35 (0.8) ▼
Slovak Republic	34 (3.1)
Slovenia	34 (2.3) ▼
Belgium (Flemish)	33 (2.3) ▼
Qatar	33 (2.1) ▼
Kazakhstan	32 (1.9) ▼
Portugal	31 (2.1) ▼
Norway (5)	27 (2.2) ▼
Saudi Arabia	24 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	62 (1.8) ▲
Dubai, UAE	47 (1.4) ▲
British Columbia, Canada	46 (1.9) ▲
Quebec, Canada	44 (1.9) ▲
Newfoundland & Labrador, Can.	42 (3.3)
Alberta, Canada	41 (3.3)
Abu Dhabi, UAE	29 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T18A (The Legend of Troy): Ordering (Dorpfeld carefully studied)
Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	67 (1.4) ▲
Chinese Taipei	65 (1.9) ▲
Russian Federation	62 (2.7) ▲
Sweden	60 (2.6) ▲
Croatia	60 (3.3) ▲
Finland	59 (2.2) ▲
Hungary	59 (2.1) ▲
Denmark	58 (2.3) ▲
Italy	56 (2.1)
Malta	55 (2.8)
New Zealand	54 (2.4)
International Average	**52 (0.5)**
Slovak Republic	52 (3.4)
Germany	51 (2.0)
Israel	51 (2.0)
Lithuania	50 (2.2)
United Arab Emirates	50 (0.8) ▼
Czech Republic	49 (2.0)
Slovenia	47 (2.3) ▼
Norway (5)	46 (2.5) ▼
Kazakhstan	45 (2.1) ▼
Spain	45 (2.3) ▼
Portugal	45 (1.8) ▼
Qatar	45 (2.3) ▼
Belgium (Flemish)	43 (2.4) ▼
Saudi Arabia	38 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (1.7) ▲
British Columbia, Canada	61 (2.3) ▲
Dubai, UAE	61 (1.3) ▲
Newfoundland & Labrador, Can.	59 (2.5) ▲
Quebec, Canada	58 (2.1) ▲
Alberta, Canada	57 (3.3)
Abu Dhabi, UAE	44 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T18B (The Legend of Troy): Ordering (Maclaran wrote a book)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	68 (1.6) ▲
Russian Federation	67 (2.6) ▲
Finland	64 (2.1) ▲
Sweden	63 (2.4) ▲
Italy	63 (2.0) ▲
Czech Republic	63 (2.1) ▲
Germany	61 (2.0)
Chinese Taipei	60 (2.1)
Hungary	60 (2.3)
Lithuania	60 (1.7)
New Zealand	59 (2.4)
Malta	58 (3.4)
Denmark	57 (2.2)
Croatia	57 (2.7)
Israel	57 (2.2)
International Average	**57 (0.5)**
United Arab Emirates	54 (1.0) ▼
Spain	54 (1.8)
Belgium (Flemish)	54 (2.2)
Slovak Republic	51 (3.8)
Portugal	50 (1.9) ▼
Slovenia	50 (2.8) ▼
Qatar	50 (2.1) ▼
Kazakhstan	48 (1.8) ▼
Norway (5)	48 (2.9) ▼
Saudi Arabia	40 (4.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.7) ▲
British Columbia, Canada	66 (2.4) ▲
Dubai, UAE	62 (1.3) ▲
Alberta, Canada	61 (3.3)
Quebec, Canada	59 (2.1)
Newfoundland & Labrador, Can.	58 (3.8)
Abu Dhabi, UAE	50 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041T18D (The Legend of Troy): Ordering (Schliemann found treasure)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	66 (1.4) ▲
Chinese Taipei	65 (2.0) ▲
Russian Federation	63 (3.0) ▲
Croatia	60 (2.8) ▲
Hungary	58 (2.6) ▲
Finland	57 (2.6) ▲
Sweden	56 (2.3)
Lithuania	54 (2.4)
Israel	53 (2.1)
New Zealand	53 (2.7)
Italy	53 (1.9)
Denmark	52 (2.2)
International Average	**52 (0.5)**
Germany	51 (2.2)
Czech Republic	50 (2.3)
Malta	50 (3.3)
Spain	50 (2.2)
United Arab Emirates	50 (0.9) ▼
Belgium (Flemish)	48 (2.8)
Slovenia	48 (2.5)
Slovak Republic	48 (3.5)
Qatar	47 (2.8)
Portugal	46 (2.4) ▼
Kazakhstan	46 (2.1) ▼
Norway (5)	39 (2.4) ▼
Saudi Arabia	38 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	69 (1.7) ▲
Dubai, UAE	57 (1.5) ▲
Quebec, Canada	55 (1.9)
British Columbia, Canada	55 (2.2)
Newfoundland & Labrador, Can.	51 (3.9)
Alberta, Canada	47 (3.4)
Abu Dhabi, UAE	47 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z01 (Zebra and Wildebeest Migration): Which website explains zebra migration
Multiple Choice (Key is B)

Country	Percent Full Credit
Finland	80 (1.7) ▲
Singapore	79 (1.3) ▲
Denmark	78 (1.9) ▲
Norway (5)	75 (2.0) ▲
Russian Federation	75 (2.5) ▲
Italy	75 (2.4) ▲
New Zealand	73 (1.9) ▲
Sweden	72 (2.1)
International Average	**68 (0.4)**
Israel	68 (1.8)
Malta	68 (2.6)
Lithuania	67 (1.7)
Czech Republic	67 (1.6)
Spain	67 (1.7)
Germany	67 (2.0)
Croatia	67 (3.0)
Hungary	67 (2.2)
Belgium (Flemish)	65 (2.5)
Portugal	65 (1.8)
Slovak Republic	65 (2.6)
Chinese Taipei	64 (2.0) ▼
Kazakhstan	63 (2.0) ▼
Slovenia	61 (1.9) ▼
Qatar	59 (1.8) ▼
United Arab Emirates	59 (0.9) ▼
Saudi Arabia	56 (3.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	81 (1.6) ▲
Alberta, Canada	77 (2.3) ▲
Dubai, UAE	71 (1.5) ▲
Newfoundland & Labrador, Can.	71 (2.3)
British Columbia, Canada	70 (1.7)
Quebec, Canada	69 (1.9)
Abu Dhabi, UAE	57 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z02 (Zebra and Wildebeest Migration): Two ways zebras and wildebeests are the same
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	63 (2.2) ▲	87 (1.7) ▲
Russian Federation	62 (2.7) ▲	80 (2.3) ▲
Finland	53 (2.1) ▲	81 (1.9) ▲
Denmark	52 (2.2) ▲	76 (2.0) ▲
Czech Republic	49 (1.8) ▲	76 (1.5) ▲
Germany	47 (1.9) ▲	73 (1.7) ▲
Croatia	47 (3.2) ▲	71 (2.7)
Malta	45 (3.3)	75 (2.3) ▲
Hungary	45 (2.1) ▲	77 (2.2) ▲
Slovak Republic	44 (2.4)	72 (2.2) ▲
United Arab Emirates	43 (1.0) ▲	66 (0.8) ▼
Singapore	43 (1.6)	77 (1.5) ▲
Slovenia	43 (2.5)	64 (2.6)
International Average	**40 (0.4)**	**68 (0.4)**
Lithuania	38 (2.4)	64 (1.9) ▼
Italy	37 (2.1)	62 (1.9) ▼
Chinese Taipei	37 (2.2)	75 (1.8) ▲
Spain	34 (1.8) ▼	62 (1.6) ▼
New Zealand	33 (2.1) ▼	67 (1.8)
Belgium (Flemish)	31 (2.4) ▼	60 (2.4) ▼
Qatar	27 (1.9) ▼	57 (1.9) ▼
Kazakhstan	25 (1.6) ▼	51 (1.5) ▼
Israel	24 (1.7) ▼	57 (2.0) ▼
Saudi Arabia	23 (2.5) ▼	51 (2.7) ▼
Portugal	20 (1.6) ▼	39 (2.3) ▼
Sweden	– –	– –
Benchmarking Participants		
Dubai, UAE	60 (1.2) ▲	82 (1.0) ▲
Moscow City, Russian Fed.	58 (2.0) ▲	85 (1.3) ▲
British Columbia, Canada	41 (2.2)	70 (2.4)
Quebec, Canada	41 (2.6)	74 (2.3) ▲
Alberta, Canada	39 (2.4)	69 (2.4)
Abu Dhabi, UAE	37 (1.1) ▼	62 (1.2) ▼
Newfoundland & Labrador, Can.	36 (2.9)	62 (2.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

E041Z03 (Zebra and Wildebeest Migration): Why boxes with facts
Multiple Choice (Key is D)

Country	Percent Full Credit
Italy	73 (1.7) ▲
Singapore	71 (1.4) ▲
Finland	67 (2.2) ▲
Chinese Taipei	65 (2.2) ▲
Malta	65 (2.6) ▲
Kazakhstan	62 (1.5) ▲
New Zealand	61 (1.8) ▲
Germany	60 (1.7) ▲
Belgium (Flemish)	60 (2.3) ▲
Russian Federation	59 (2.4)
Denmark	59 (2.1)
Spain	58 (1.8)
Norway (5)	58 (2.1)
Czech Republic	57 (2.6)
Croatia	56 (2.9)
International Average	**55 (0.4)**
Sweden	54 (2.2)
Qatar	53 (2.1)
United Arab Emirates	50 (0.8) ▼
Slovenia	50 (2.5) ▼
Slovak Republic	49 (2.5) ▼
Portugal	44 (2.0) ▼
Lithuania	40 (1.9) ▼
Israel	38 (2.1) ▼
Saudi Arabia	37 (2.4) ▼
Hungary	34 (2.5) ▼
Benchmarking Participants	
Quebec, Canada	81 (1.6) ▲
Moscow City, Russian Fed.	71 (2.0) ▲
Alberta, Canada	70 (2.9) ▲
Dubai, UAE	68 (1.4) ▲
British Columbia, Canada	67 (1.8) ▲
Newfoundland & Labrador, Can.	65 (3.5) ▲
Abu Dhabi, UAE	42 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

E041Z04 (Zebra and Wildebeest Migration): Why zebras and wildebeests migrate
Constructed Response (1 Point)

Country	Percent Full Credit
Hungary	92 (1.3) ▲
Denmark	88 (1.3) ▲
Croatia	86 (2.2) ▲
Sweden	86 (1.5) ▲
Finland	86 (1.6) ▲
Russian Federation	86 (2.1) ▲
Norway (5)	85 (1.6) ▲
Chinese Taipei	85 (1.5) ▲
Czech Republic	84 (1.4) ▲
Germany	84 (1.5) ▲
Slovak Republic	83 (1.9)
Singapore	83 (1.3) ▲
Portugal	82 (1.4) ▲
Lithuania	82 (1.7)
Spain	81 (1.6)
Italy	80 (1.5)
International Average	**79 (0.4)**
Belgium (Flemish)	78 (1.7)
Israel	78 (1.9)
Kazakhstan	76 (1.6)
Malta	74 (2.5) ▼
New Zealand	72 (1.9) ▼
Qatar	67 (1.6) ▼
United Arab Emirates	67 (0.8) ▼
Saudi Arabia	63 (2.3) ▼
Slovenia	54 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.2) ▲
Quebec, Canada	88 (1.2) ▲
Alberta, Canada	84 (2.0) ▲
Dubai, UAE	83 (0.8) ▲
British Columbia, Canada	81 (1.9)
Newfoundland & Labrador, Can.	79 (2.8)
Abu Dhabi, UAE	54 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z05 (Zebra and Wildebeest Migration): How map helps
Multiple Choice (Key is C)

Country	Percent Full Credit
Denmark	82 (1.6) ▲
Germany	78 (1.6) ▲
Hungary	77 (1.8) ▲
Czech Republic	76 (1.7) ▲
Slovak Republic	75 (1.8) ▲
Norway (5)	75 (1.9) ▲
Finland	73 (1.5) ▲
Russian Federation	73 (2.4) ▲
Portugal	69 (1.8) ▲
Lithuania	68 (1.7) ▲
Sweden	68 (2.5)
International Average	**65 (0.4)**
Israel	63 (2.1)
Italy	62 (1.9)
Croatia	60 (3.1)
New Zealand	60 (1.7) ▼
Malta	60 (2.5)
Kazakhstan	58 (1.6) ▼
Belgium (Flemish)	58 (2.3) ▼
Spain	57 (1.6) ▼
United Arab Emirates	57 (0.9) ▼
Singapore	57 (1.3) ▼
Slovenia	56 (2.5) ▼
Qatar	54 (1.7) ▼
Saudi Arabia	50 (2.5) ▼
Chinese Taipei	48 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.8) ▲
Dubai, UAE	68 (1.4) ▲
Quebec, Canada	68 (2.0)
British Columbia, Canada	68 (2.1)
Alberta, Canada	63 (2.7)
Newfoundland & Labrador, Can.	60 (2.8)
Abu Dhabi, UAE	52 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z06 (Zebra and Wildebeest Migration): Difficulties without wildebeests
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	73 (4.0) ▲
Czech Republic	70 (1.8) ▲
Sweden	70 (2.8) ▲
Chinese Taipei	68 (2.1) ▲
Singapore	68 (1.5) ▲
Finland	66 (2.0) ▲
Hungary	63 (2.3) ▲
Norway (5)	62 (1.9) ▲
Italy	58 (1.8)
Germany	58 (1.9)
New Zealand	58 (2.3)
Slovak Republic	56 (2.1)
Portugal	56 (2.0)
International Average	**56 (0.4)**
Russian Federation	55 (2.2)
Denmark	54 (1.8)
Lithuania	53 (2.2)
Belgium (Flemish)	53 (2.5)
Slovenia	52 (2.6)
Malta	49 (2.8) ▼
Spain	48 (1.6) ▼
United Arab Emirates	47 (1.0) ▼
Israel	46 (2.4) ▼
Qatar	40 (2.4) ▼
Kazakhstan	39 (1.9) ▼
Saudi Arabia	33 (2.5) ▼
Benchmarking Participants	
Dubai, UAE	64 (1.4) ▲
Moscow City, Russian Fed.	60 (1.9) ▲
Newfoundland & Labrador, Can.	59 (2.7)
Alberta, Canada	59 (2.6)
British Columbia, Canada	58 (1.8)
Quebec, Canada	49 (2.9) ▼
Abu Dhabi, UAE	37 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z07 (Zebra and Wildebeest Migration): How zebras help wildebeests
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	79 (1.2) ▲
Denmark	76 (1.8) ▲
Hungary	75 (1.8) ▲
Lithuania	73 (2.2) ▲
Russian Federation	71 (2.1) ▲
Norway (5)	71 (1.8) ▲
New Zealand	70 (1.8) ▲
Czech Republic	70 (1.9) ▲
Portugal	69 (1.6) ▲
Germany	68 (1.7) ▲
Croatia	68 (2.5)
Spain	67 (1.5)
Slovenia	66 (2.4)
Chinese Taipei	66 (2.0)
Sweden	65 (2.4)
Malta	64 (3.2)
International Average	**64 (0.4)**
Israel	64 (1.8)
Finland	64 (1.7)
Italy	64 (2.0)
Belgium (Flemish)	59 (2.6) ▼
Kazakhstan	57 (1.8) ▼
United Arab Emirates	50 (1.3) ▼
Slovak Republic	49 (2.3) ▼
Qatar	46 (2.6) ▼
Saudi Arabia	39 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (1.8) ▲
Alberta, Canada	73 (2.2) ▲
British Columbia, Canada	72 (1.8) ▲
Dubai, UAE	68 (1.4) ▲
Newfoundland & Labrador, Can.	68 (2.6)
Quebec, Canada	59 (2.8) ▼
Abu Dhabi, UAE	44 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z08 (Zebra and Wildebeest Migration): Why zebras and wildebeests share food
Multiple Choice (Key is C)

Country	Percent Full Credit
Finland	76 (1.4) ▲
Singapore	71 (1.2) ▲
Chinese Taipei	71 (1.8) ▲
Hungary	70 (2.6) ▲
Norway (5)	69 (1.9) ▲
Lithuania	68 (2.0) ▲
Russian Federation	68 (2.5) ▲
Czech Republic	68 (1.6) ▲
Spain	67 (1.9) ▲
Italy	67 (1.9) ▲
Slovenia	65 (2.5)
Sweden	65 (2.0)
Germany	63 (1.8)
Portugal	62 (1.9)
International Average	**62 (0.4)**
New Zealand	61 (2.1)
Denmark	61 (2.2)
Malta	58 (3.2)
Slovak Republic	58 (2.4)
United Arab Emirates	55 (1.0) ▼
Israel	54 (1.7) ▼
Croatia	54 (2.6) ▼
Qatar	52 (1.7) ▼
Belgium (Flemish)	51 (2.3) ▼
Kazakhstan	48 (1.7) ▼
Saudi Arabia	48 (2.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	77 (1.9) ▲
British Columbia, Canada	72 (1.9) ▲
Alberta, Canada	68 (2.7) ▲
Newfoundland & Labrador, Can.	68 (2.3) ▲
Dubai, UAE	67 (1.7) ▲
Quebec, Canada	63 (2.8)
Abu Dhabi, UAE	50 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z09 (Zebra and Wildebeest Migration): What map shows
Constructed Response (1 Point)

Country	Percent Full Credit
Germany	59 (1.8) ▲
Slovak Republic	49 (2.2) ▲
Czech Republic	47 (1.9) ▲
Russian Federation	47 (2.3) ▲
Spain	47 (1.7) ▲
Hungary	46 (2.5) ▲
Croatia	46 (3.5) ▲
Singapore	40 (1.5) ▲
Kazakhstan	40 (1.9) ▲
Finland	38 (1.8)
Lithuania	36 (2.1)
Denmark	36 (1.9)
International Average	**35 (0.4)**
Slovenia	35 (2.5)
New Zealand	34 (2.0)
Sweden	33 (2.2)
Norway (5)	32 (2.4)
United Arab Emirates	32 (0.8) ▼
Malta	30 (2.9)
Portugal	30 (2.0) ▼
Belgium (Flemish)	28 (2.3) ▼
Qatar	24 (1.7) ▼
Israel	23 (1.5) ▼
Italy	19 (1.8) ▼
Chinese Taipei	16 (1.4) ▼
Saudi Arabia	13 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	54 (1.8) ▲
Dubai, UAE	46 (1.5) ▲
Quebec, Canada	39 (2.4)
Newfoundland & Labrador, Can.	31 (2.9)
Alberta, Canada	29 (2.1) ▼
Abu Dhabi, UAE	26 (1.2) ▼
British Columbia, Canada	24 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z10 (Zebra and Wildebeest Migration): Why writer uses "feast"
Multiple Choice (Key is D)

Country	Percent Full Credit
Finland	77 (1.6) ▲
Singapore	73 (1.3) ▲
Chinese Taipei	70 (1.9) ▲
Spain	67 (1.7) ▲
Sweden	66 (2.5) ▲
Belgium (Flemish)	62 (2.4) ▲
Denmark	61 (1.7) ▲
New Zealand	61 (2.0) ▲
Norway (5)	59 (2.2) ▲
Slovak Republic	57 (2.0)
Israel	54 (1.8)
Czech Republic	54 (1.9)
International Average	**54 (0.4)**
Croatia	53 (3.2)
Germany	53 (1.9)
Portugal	52 (2.3)
Lithuania	51 (2.0)
Italy	49 (1.9) ▼
Slovenia	48 (2.2) ▼
Russian Federation	48 (2.0) ▼
Hungary	47 (2.2) ▼
Malta	46 (3.7) ▼
United Arab Emirates	43 (1.0) ▼
Qatar	38 (2.2) ▼
Kazakhstan	28 (1.5) ▼
Saudi Arabia	25 (1.9) ▼
Benchmarking Participants	
Quebec, Canada	66 (2.0) ▲
British Columbia, Canada	65 (2.1) ▲
Newfoundland & Labrador, Can.	60 (2.7) ▲
Alberta, Canada	60 (3.1) ▲
Dubai, UAE	60 (1.3) ▲
Moscow City, Russian Fed.	60 (1.8) ▲
Abu Dhabi, UAE	37 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z11 (Zebra and Wildebeest Migration): When babies born
Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	94 (1.1) ▲
Singapore	90 (0.9) ▲
Finland	89 (1.0) ▲
Russian Federation	87 (2.0) ▲
Norway (5)	85 (1.3) ▲
Sweden	84 (1.9) ▲
Portugal	84 (1.5) ▲
Czech Republic	84 (1.4) ▲
Lithuania	84 (1.5) ▲
Slovak Republic	84 (1.9)
Spain	83 (1.3)
Slovenia	82 (1.8)
Italy	82 (1.7)
Hungary	82 (1.9)
International Average	**81 (0.3)**
Germany	80 (1.6)
New Zealand	80 (1.7)
Denmark	80 (1.6)
Kazakhstan	80 (1.5)
Croatia	78 (2.8)
Belgium (Flemish)	77 (1.9) ▼
Malta	77 (2.5)
Israel	73 (1.8) ▼
United Arab Emirates	72 (0.9) ▼
Qatar	71 (1.7) ▼
Saudi Arabia	60 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.3) ▲
Dubai, UAE	85 (1.0) ▲
British Columbia, Canada	85 (1.4) ▲
Newfoundland & Labrador, Can.	85 (2.1)
Alberta, Canada	85 (2.2)
Quebec, Canada	84 (1.6) ▲
Abu Dhabi, UAE	65 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z12 (Zebra and Wildebeest Migration): Difference between maps
Constructed Response (1 Point)

Country	Percent Full Credit
Norway (5)	76 (2.1) ▲
Singapore	75 (1.4) ▲
Russian Federation	75 (2.3) ▲
Sweden	72 (2.4) ▲
Czech Republic	70 (1.7) ▲
New Zealand	70 (2.3) ▲
Portugal	70 (2.0) ▲
Hungary	68 (2.4) ▲
Finland	68 (1.6) ▲
Germany	66 (1.6) ▲
Belgium (Flemish)	65 (2.5)
Spain	65 (2.2)
Denmark	64 (2.1)
Slovak Republic	64 (2.4)
Italy	63 (2.3)
International Average	**61 (0.4)**
Malta	60 (2.3)
Israel	57 (2.2)
Lithuania	56 (2.3) ▼
United Arab Emirates	56 (1.1) ▼
Chinese Taipei	54 (2.0) ▼
Croatia	51 (3.2) ▼
Slovenia	49 (2.6) ▼
Kazakhstan	47 (2.3) ▼
Qatar	44 (2.2) ▼
Saudi Arabia	30 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.4) ▲
Alberta, Canada	78 (2.3) ▲
Newfoundland & Labrador, Can.	75 (2.0) ▲
British Columbia, Canada	74 (1.7) ▲
Dubai, UAE	69 (1.7) ▲
Quebec, Canada	63 (2.3)
Abu Dhabi, UAE	47 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z13 (Zebra and Wildebeest Migration): When animals reach rivers
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	91 (1.0) ▲
Singapore	88 (1.0) ▲
Russian Federation	86 (1.6) ▲
Spain	81 (1.4) ▲
Sweden	81 (2.1)
Lithuania	80 (1.7)
Malta	80 (1.6)
Slovak Republic	80 (1.9)
Denmark	79 (1.8)
Italy	78 (1.8)
Belgium (Flemish)	78 (2.1)
Croatia	78 (2.7)
New Zealand	78 (1.4)
International Average	**77 (0.4)**
Hungary	77 (1.9)
Finland	77 (1.6)
Germany	76 (1.7)
Portugal	76 (1.8)
Israel	75 (2.0)
Czech Republic	75 (1.4)
Norway (5)	73 (2.0) ▼
Kazakhstan	73 (1.6) ▼
Qatar	73 (1.4) ▼
United Arab Emirates	70 (0.9) ▼
Slovenia	68 (2.2) ▼
Saudi Arabia	62 (2.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	93 (1.1) ▲
Quebec, Canada	85 (1.6) ▲
Dubai, UAE	84 (0.9) ▲
Alberta, Canada	84 (2.3) ▲
British Columbia, Canada	81 (1.7) ▲
Newfoundland & Labrador, Can.	78 (2.4)
Abu Dhabi, UAE	60 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z14 (Zebra and Wildebeest Migration): How Mara River is good and bad
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	80 (1.2) ▲	93 (1.0) ▲
Hungary	76 (2.6) ▲	93 (1.3) ▲
Croatia	76 (2.3) ▲	93 (1.7) ▲
Denmark	72 (1.9) ▲	90 (1.3) ▲
Czech Republic	71 (2.6) ▲	91 (1.5) ▲
Finland	70 (1.7) ▲	90 (1.2) ▲
Russian Federation	70 (2.2) ▲	92 (1.4) ▲
Lithuania	70 (2.0) ▲	90 (1.3) ▲
Sweden	70 (2.2) ▲	90 (1.7) ▲
Norway (5)	68 (2.2) ▲	89 (1.2) ▲
Portugal	67 (1.7) ▲	89 (1.2) ▲
Slovak Republic	65 (2.0) ▲	90 (1.8) ▲
Germany	65 (1.8) ▲	91 (1.0) ▲
Malta	64 (3.1)	89 (2.0) ▲
International Average	**59 (0.4)**	**85 (0.3)**
Spain	58 (1.7)	90 (0.9) ▲
Belgium (Flemish)	57 (2.5)	91 (1.4) ▲
Kazakhstan	57 (2.1)	82 (1.5) ▼
Chinese Taipei	56 (2.0)	85 (1.5)
Israel	54 (2.1) ▼	79 (2.1) ▼
United Arab Emirates	53 (0.9) ▼	71 (0.8) ▼
Qatar	45 (2.2) ▼	69 (1.7) ▼
Italy	39 (2.0) ▼	80 (1.6) ▼
Saudi Arabia	34 (2.6) ▼	62 (2.6) ▼
Slovenia	23 (2.2) ▼	76 (2.3) ▼
New Zealand	22 (1.6) ▼	78 (1.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	82 (1.6) ▲	96 (0.7) ▲
Dubai, UAE	70 (1.1) ▲	86 (0.7)
Quebec, Canada	67 (2.5) ▲	93 (1.1) ▲
British Columbia, Canada	58 (1.8)	87 (1.7)
Alberta, Canada	57 (2.6)	91 (1.4) ▲
Newfoundland & Labrador, Can.	54 (2.0) ▼	84 (2.0)
Abu Dhabi, UAE	43 (1.3) ▼	61 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z15 (Zebra and Wildebeest Migration): How hyenas catch prey
Multiple Choice (Key is B)

Country	Percent Full Credit
Finland	78 (1.5) ▲
Norway (5)	76 (1.7) ▲
Singapore	75 (1.3) ▲
Germany	72 (1.6) ▲
Denmark	71 (1.9) ▲
Russian Federation	71 (2.4) ▲
Lithuania	70 (1.7) ▲
Czech Republic	68 (2.3)
Sweden	68 (2.6)
Spain	68 (1.6) ▲
Chinese Taipei	65 (2.1)
Belgium (Flemish)	65 (2.4)
New Zealand	64 (1.9)
Croatia	64 (2.9)
International Average	**64 (0.4)**
Italy	64 (1.7)
Slovak Republic	63 (2.2)
Hungary	62 (2.3)
Portugal	62 (2.3)
Malta	62 (2.7)
Israel	60 (1.8) ▼
United Arab Emirates	59 (0.9) ▼
Kazakhstan	57 (1.8) ▼
Qatar	54 (2.1) ▼
Slovenia	49 (2.4) ▼
Saudi Arabia	36 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.4) ▲
Alberta, Canada	74 (2.5) ▲
Quebec, Canada	73 (2.0) ▲
Dubai, UAE	72 (1.1) ▲
British Columbia, Canada	70 (1.7) ▲
Newfoundland & Labrador, Can.	66 (2.2)
Abu Dhabi, UAE	52 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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E041Z16 (Zebra and Wildebeest Migration): How lions hunt compared to crocs
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	64 (2.0) ▲	86 (1.5) ▲
Finland	58 (2.0) ▲	85 (1.3) ▲
Singapore	57 (1.6) ▲	79 (1.2) ▲
Sweden	54 (2.6) ▲	83 (1.9) ▲
Denmark	54 (2.2) ▲	85 (1.4) ▲
New Zealand	51 (2.2) ▲	74 (1.8)
Russian Federation	51 (3.0) ▲	78 (1.9) ▲
Croatia	50 (3.1) ▲	81 (2.8) ▲
Lithuania	44 (2.1)	79 (1.9) ▲
Spain	44 (2.2)	76 (1.7) ▲
Czech Republic	43 (2.1)	78 (1.7) ▲
Chinese Taipei	42 (2.2)	80 (1.6) ▲
International Average	**42 (0.4)**	**72 (0.4)**
Italy	40 (1.9)	71 (2.2)
Slovak Republic	40 (2.4)	78 (1.8) ▲
Germany	39 (1.9)	71 (1.7)
Hungary	39 (2.9)	70 (2.6)
Belgium (Flemish)	37 (2.5) ▼	70 (2.2)
Portugal	36 (2.0) ▼	70 (2.0)
Malta	33 (2.2) ▼	62 (3.0) ▼
Slovenia	32 (2.5) ▼	72 (2.0)
Israel	32 (2.2) ▼	64 (2.1) ▼
United Arab Emirates	31 (1.1) ▼	54 (1.2) ▼
Kazakhstan	30 (1.3) ▼	63 (1.4) ▼
Qatar	26 (2.1) ▼	50 (2.2) ▼
Saudi Arabia	18 (2.3) ▼	39 (2.7) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (1.9) ▲	82 (1.6) ▲
British Columbia, Canada	50 (2.5) ▲	76 (2.0) ▲
Dubai, UAE	49 (1.6) ▲	76 (1.2) ▲
Alberta, Canada	46 (3.6)	79 (2.5) ▲
Quebec, Canada	46 (1.8) ▲	77 (2.2) ▲
Newfoundland & Labrador, Can.	46 (3.0)	76 (2.5)
Abu Dhabi, UAE	25 (1.3) ▼	42 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z17 (Zebra and Wildebeest Migration): What words and maps add
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	72 (3.1) ▲
Finland	69 (1.7) ▲
Sweden	67 (2.5) ▲
Hungary	66 (2.2) ▲
Slovak Republic	65 (2.6) ▲
Czech Republic	62 (2.1) ▲
Italy	59 (2.2) ▲
Denmark	58 (2.5) ▲
Lithuania	58 (2.6) ▲
Russian Federation	58 (2.2) ▲
Norway (5)	56 (2.5) ▲
Germany	55 (2.1) ▲
United Arab Emirates	52 (1.0) ▲
Spain	51 (2.0)
Chinese Taipei	50 (2.2)
Singapore	49 (1.6)
International Average	**48 (0.4)**
Israel	43 (1.9) ▼
Portugal	41 (2.1) ▼
Belgium (Flemish)	35 (2.7) ▼
Kazakhstan	34 (1.6) ▼
New Zealand	34 (1.9) ▼
Slovenia	27 (2.4) ▼
Saudi Arabia	21 (2.8) ▼
Malta	17 (2.7) ▼
Qatar	12 (1.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.6) ▲
Dubai, UAE	64 (1.4) ▲
Newfoundland & Labrador, Can.	52 (3.8)
Alberta, Canada	52 (2.5)
British Columbia, Canada	48 (2.2)
Abu Dhabi, UAE	44 (1.6) ▼
Quebec, Canada	33 (2.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z18 (Zebra and Wildebeest Migration): Which website discusses threats
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	83 (1.9) ▲
Finland	70 (1.4) ▲
Hungary	66 (2.3) ▲
Singapore	63 (1.5) ▲
Italy	63 (2.0) ▲
Spain	62 (2.0) ▲
Israel	62 (2.1) ▲
Czech Republic	61 (2.0) ▲
Denmark	60 (2.2)
Croatia	60 (3.5)
Sweden	59 (2.6)
New Zealand	58 (2.4)
Norway (5)	58 (2.0)
International Average	**57 (0.5)**
Lithuania	56 (2.2)
Slovak Republic	54 (2.8)
Kazakhstan	54 (1.8) ▼
Portugal	53 (1.9) ▼
Slovenia	53 (2.4)
Malta	51 (3.1)
Belgium (Flemish)	49 (2.7) ▼
Germany	49 (1.8) ▼
United Arab Emirates	48 (1.1) ▼
Chinese Taipei	46 (1.8) ▼
Saudi Arabia	44 (3.6) ▼
Qatar	43 (1.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	85 (1.6) ▲
Dubai, UAE	62 (2.0) ▲
Alberta, Canada	61 (2.8)
British Columbia, Canada	59 (2.0)
Newfoundland & Labrador, Can.	56 (3.1)
Quebec, Canada	48 (2.6) ▼
Abu Dhabi, UAE	39 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z19 (Zebra and Wildebeest Migration): Why difficult to catch baby zebra
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	48 (1.6) ▲	80 (1.3) ▲
Slovak Republic	31 (2.2) ▲	64 (2.3) ▲
Norway (5)	28 (2.1) ▲	70 (2.0) ▲
Croatia	28 (2.6) ▲	67 (3.4) ▲
Denmark	27 (1.8) ▲	64 (1.9) ▲
New Zealand	27 (1.7) ▲	61 (2.4)
Russian Federation	26 (2.1) ▲	64 (2.2) ▲
United Arab Emirates	24 (1.3) ▲	52 (1.1) ▼
Sweden	24 (2.2)	66 (2.5) ▲
Israel	23 (1.6)	60 (2.5)
Lithuania	22 (2.2)	57 (2.3)
Malta	22 (2.7)	59 (2.9)
Finland	22 (1.2)	69 (1.7) ▲
Chinese Taipei	22 (1.7)	63 (1.9) ▲
International Average	**22 (0.4)**	**58 (0.4)**
Hungary	18 (1.9)	56 (2.5)
Czech Republic	18 (1.4) ▼	60 (2.3)
Qatar	17 (1.6) ▼	49 (2.1) ▼
Italy	16 (1.6) ▼	55 (2.1)
Spain	16 (1.7) ▼	58 (1.7)
Slovenia	15 (1.9) ▼	45 (2.4) ▼
Belgium (Flemish)	15 (2.0) ▼	46 (2.2) ▼
Portugal	14 (1.4) ▼	54 (1.9) ▼
Saudi Arabia	13 (1.9) ▼	37 (3.1) ▼
Kazakhstan	12 (1.2) ▼	46 (1.6) ▼
Germany	12 (1.2) ▼	51 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	41 (2.1) ▲	82 (1.6) ▲
Dubai, UAE	38 (2.3) ▲	73 (1.4) ▲
Quebec, Canada	28 (2.0) ▲	64 (2.5) ▲
Alberta, Canada	25 (3.1)	57 (3.1)
Newfoundland & Labrador, Can.	24 (2.8)	54 (3.2)
British Columbia, Canada	23 (1.9)	58 (2.6)
Abu Dhabi, UAE	17 (1.3) ▼	41 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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E041Z20 (Zebra and Wildebeest Migration): Match animal and predator avoidance (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	65 (1.7) ▲	85 (1.2) ▲
Denmark	55 (2.2) ▲	87 (1.6) ▲
Finland	52 (1.6) ▲	85 (1.0) ▲
Norway (5)	48 (2.5) ▲	80 (1.6) ▲
Sweden	47 (2.6) ▲	76 (2.1)
Chinese Taipei	46 (2.2) ▲	85 (1.4) ▲
Czech Republic	43 (2.3) ▲	78 (1.8) ▲
Hungary	41 (2.5)	76 (2.5)
New Zealand	40 (1.9)	71 (1.9)
Slovak Republic	38 (2.7)	69 (2.3)
International Average	**38 (0.4)**	**72 (0.4)**
Germany	37 (2.3)	77 (1.8) ▲
Italy	37 (2.1)	72 (2.1)
Spain	37 (2.2)	77 (1.7) ▲
Slovenia	37 (2.5)	69 (2.1)
Malta	36 (3.0)	68 (3.0)
Belgium (Flemish)	35 (2.7)	73 (2.7)
United Arab Emirates	35 (1.1) ▼	60 (1.1) ▼
Lithuania	34 (2.3)	75 (2.2)
Portugal	34 (1.9) ▼	70 (2.1)
Russian Federation	33 (1.9) ▼	71 (2.2)
Israel	30 (2.1) ▼	63 (2.2) ▼
Croatia	29 (2.7) ▼	79 (3.0) ▲
Qatar	28 (2.0) ▼	55 (1.8) ▼
Kazakhstan	26 (1.8) ▼	60 (1.9) ▼
Saudi Arabia	13 (2.2) ▼	39 (3.6) ▼
Benchmarking Participants		
Alberta, Canada	54 (3.1) ▲	84 (2.0) ▲
Dubai, UAE	53 (1.9) ▲	78 (1.6) ▲
Quebec, Canada	50 (2.5) ▲	88 (1.4) ▲
British Columbia, Canada	50 (2.3) ▲	79 (1.8) ▲
Moscow City, Russian Fed.	45 (2.0) ▲	86 (1.5) ▲
Newfoundland & Labrador, Can.	43 (3.4)	78 (2.2) ▲
Abu Dhabi, UAE	29 (1.4) ▼	50 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z20A (Zebra and Wildebeest Migration): Match animal (Lives in herds)
Multiple Choice (Key is C)

Country	Percent Full Credit
Czech Republic	93 (1.1) ▲
Denmark	92 (1.3) ▲
Finland	92 (0.9) ▲
Chinese Taipei	88 (1.2) ▲
Hungary	87 (1.9) ▲
Germany	86 (1.6) ▲
Croatia	86 (2.3) ▲
Spain	85 (1.2) ▲
Singapore	85 (1.1) ▲
Italy	84 (1.8) ▲
Slovak Republic	83 (2.0) ▲
Russian Federation	83 (2.2)
Belgium (Flemish)	83 (2.0)
Norway (5)	81 (1.7)
International Average	**79 (0.4)**
New Zealand	78 (1.5)
Portugal	77 (1.8)
Sweden	77 (2.2)
Lithuania	77 (2.1)
Slovenia	75 (2.0) ▼
Malta	73 (2.5) ▼
Israel	72 (1.9) ▼
Kazakhstan	69 (2.0) ▼
United Arab Emirates	68 (1.0) ▼
Qatar	60 (2.2) ▼
Saudi Arabia	52 (3.5) ▼
Benchmarking Participants	
Quebec, Canada	91 (1.0) ▲
Moscow City, Russian Fed.	90 (1.3) ▲
British Columbia, Canada	86 (1.7) ▲
Alberta, Canada	84 (1.9) ▲
Newfoundland & Labrador, Can.	83 (2.3)
Dubai, UAE	82 (1.3)
Abu Dhabi, UAE	58 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z20B (Zebra and Wildebeest Migration): Match animal (Kicks predators)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	85 (1.1) ▲
Chinese Taipei	78 (1.7) ▲
Denmark	75 (2.1) ▲
Norway (5)	75 (1.8) ▲
Finland	75 (1.3) ▲
Sweden	74 (2.5) ▲
New Zealand	70 (1.9) ▲
Malta	66 (2.6)
Lithuania	66 (2.2)
Czech Republic	65 (1.8)
Belgium (Flemish)	64 (2.7)
International Average	**64 (0.5)**
United Arab Emirates	64 (1.0)
Italy	62 (2.5)
Germany	62 (2.0)
Spain	62 (2.1)
Hungary	62 (2.9)
Slovak Republic	62 (2.2)
Slovenia	61 (2.6)
Kazakhstan	60 (2.2) ▼
Qatar	58 (2.0) ▼
Israel	55 (2.4) ▼
Portugal	54 (2.2) ▼
Russian Federation	51 (2.2) ▼
Saudi Arabia	49 (3.3) ▼
Croatia	47 (3.7) ▼
Benchmarking Participants	
Quebec, Canada	78 (2.0) ▲
Alberta, Canada	78 (2.7) ▲
Newfoundland & Labrador, Can.	75 (2.3) ▲
Dubai, UAE	75 (1.9) ▲
British Columbia, Canada	73 (2.1) ▲
Moscow City, Russian Fed.	63 (2.2)
Abu Dhabi, UAE	57 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E041Z20C (Zebra and Wildebeest Migration): Match animal (Uses horns)
Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	96 (0.9) ▲
Singapore	96 (0.7) ▲
Finland	96 (0.6) ▲
Lithuania	95 (1.3) ▲
Chinese Taipei	95 (1.0) ▲
Norway (5)	94 (1.0) ▲
Sweden	93 (1.2) ▲
Portugal	93 (1.1) ▲
Italy	93 (1.4)
Russian Federation	93 (1.3)
Germany	92 (0.9) ▲
Croatia	92 (2.1)
Belgium (Flemish)	92 (1.4)
Slovenia	92 (0.9)
New Zealand	91 (1.2)
Spain	91 (1.2)
Hungary	91 (1.4)
International Average	**90 (0.3)**
Czech Republic	90 (1.3)
Kazakhstan	88 (1.2)
Malta	88 (1.7)
Israel	87 (1.7) ▼
Slovak Republic	84 (2.3) ▼
Qatar	83 (1.6) ▼
United Arab Emirates	82 (0.6) ▼
Saudi Arabia	71 (2.8) ▼
Benchmarking Participants	
Alberta, Canada	97 (0.8) ▲
Moscow City, Russian Fed.	97 (0.7) ▲
Newfoundland & Labrador, Can.	96 (1.7) ▲
British Columbia, Canada	96 (0.7) ▲
Quebec, Canada	96 (1.2) ▲
Dubai, UAE	92 (0.6) ▲
Abu Dhabi, UAE	74 (1.1) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

E041Z20D (Zebra and Wildebeest Migration): Match animal (Confuse predators)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	80 (1.4) ▲
Croatia	79 (3.1) ▲
Denmark	78 (1.7) ▲
Czech Republic	74 (2.0) ▲
Finland	74 (1.4) ▲
Norway (5)	73 (2.2) ▲
Russian Federation	73 (2.3) ▲
Sweden	73 (2.3)
Spain	71 (1.9)
Germany	70 (1.9)
Hungary	70 (2.4)
Slovenia	70 (2.4)
Portugal	69 (1.9)
Italy	69 (1.9)
International Average	**68 (0.5)**
Slovak Republic	68 (2.7)
New Zealand	66 (2.2)
Israel	65 (2.3)
Malta	64 (2.9)
Lithuania	64 (2.2)
Chinese Taipei	63 (2.2) ▼
United Arab Emirates	62 (1.0) ▼
Qatar	61 (2.2) ▼
Belgium (Flemish)	61 (3.2) ▼
Kazakhstan	60 (1.7) ▼
Saudi Arabia	49 (3.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	79 (1.9) ▲
Alberta, Canada	77 (2.3) ▲
British Columbia, Canada	76 (2.0) ▲
Dubai, UAE	75 (1.2) ▲
Newfoundland & Labrador, Can.	72 (4.1)
Quebec, Canada	71 (2.3)
Abu Dhabi, UAE	58 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O01 (Oceans): Link likely to explain why oceans are important
Multiple Choice (Key is D)

Country	Percent Full Credit
Finland	74 (1.5) ▲
Italy	68 (2.0) ▲
Sweden	67 (2.5) ▲
Russian Federation	67 (3.6) ▲
Denmark	66 (2.0) ▲
Norway (5)	66 (2.5) ▲
Singapore	63 (1.4) ▲
Slovak Republic	63 (3.0) ▲
Portugal	62 (1.8) ▲
Hungary	62 (2.1) ▲
Czech Republic	58 (2.1)
International Average	**57 (0.5)**
Kazakhstan	56 (1.5)
Lithuania	56 (2.0)
Chinese Taipei	55 (2.3)
New Zealand	54 (1.9)
Qatar	52 (2.4)
Spain	52 (1.7) ▼
Germany	52 (1.6) ▼
Malta	51 (3.2)
Israel	51 (2.2) ▼
Belgium (Flemish)	50 (2.6) ▼
United Arab Emirates	48 (1.1) ▼
Saudi Arabia	45 (3.2) ▼
Slovenia	40 (2.1) ▼
Croatia	37 (2.2) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	73 (1.8) ▲
Dubai, UAE	63 (1.6) ▲
British Columbia, Canada	60 (2.6)
Alberta, Canada	58 (2.7)
Newfoundland & Labrador, Can.	56 (1.9)
Quebec, Canada	53 (2.2)
Abu Dhabi, UAE	42 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O02 (Oceans): Why are ocean plants important for life on Earth
Multiple Choice (Key is A)

Country	Percent Full Credit
Italy	92 (1.3) ▲
Norway (5)	89 (1.4) ▲
Finland	89 (1.0) ▲
Croatia	87 (2.2) ▲
Denmark	87 (1.6) ▲
Czech Republic	87 (1.4) ▲
Russian Federation	86 (1.5) ▲
Lithuania	85 (1.4) ▲
Spain	85 (1.1) ▲
Singapore	85 (1.2) ▲
Hungary	85 (1.6) ▲
Sweden	85 (1.8) ▲
Chinese Taipei	84 (1.6)
Germany	83 (1.1)
Portugal	83 (1.6)
International Average	**81 (0.4)**
Slovenia	79 (2.0)
Belgium (Flemish)	79 (2.2)
New Zealand	77 (1.4) ▼
Malta	77 (2.3) ▼
United Arab Emirates	75 (0.6) ▼
Slovak Republic	75 (3.5)
Israel	71 (2.0) ▼
Qatar	70 (1.6) ▼
Saudi Arabia	67 (2.3) ▼
Kazakhstan	66 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.2) ▲
Quebec, Canada	89 (1.5) ▲
Dubai, UAE	85 (1.0) ▲
British Columbia, Canada	83 (2.3)
Alberta, Canada	83 (2.5)
Newfoundland & Labrador, Can.	80 (2.4)
Abu Dhabi, UAE	68 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O03 (Oceans): What happens in one ocean affect other oceans
Multiple Choice (Key is B)

Country	Percent Full Credit
Finland	78 (1.3) ▲
Chinese Taipei	78 (1.7) ▲
Croatia	77 (2.4) ▲
Russian Federation	77 (1.9) ▲
Sweden	74 (2.4) ▲
Lithuania	73 (2.0) ▲
Italy	73 (1.9) ▲
Portugal	71 (1.8) ▲
Norway (5)	70 (2.2)
Singapore	69 (1.4) ▲
Slovenia	69 (2.1)
Czech Republic	69 (1.9)
Spain	68 (1.5)
International Average	**66 (0.4)**
New Zealand	65 (2.1)
Germany	64 (1.8)
Belgium (Flemish)	63 (2.3)
Israel	63 (1.9)
Kazakhstan	63 (1.5) ▼
Slovak Republic	61 (3.3)
Denmark	61 (2.2) ▼
Malta	58 (3.2) ▼
Hungary	57 (2.2) ▼
United Arab Emirates	57 (0.9) ▼
Qatar	55 (1.9) ▼
Saudi Arabia	42 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	86 (1.2) ▲
Dubai, UAE	70 (1.3) ▲
British Columbia, Canada	69 (2.0)
Alberta, Canada	66 (2.9)
Quebec, Canada	64 (2.1)
Newfoundland & Labrador, Can.	60 (2.8) ▼
Abu Dhabi, UAE	55 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O04 (Oceans): Why was Sylvia Earle chosen for an interview
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	83 (1.4) ▲
Croatia	82 (2.7) ▲
Lithuania	80 (1.9) ▲
Singapore	79 (1.5) ▲
Italy	78 (1.8) ▲
Sweden	77 (2.0) ▲
Israel	75 (1.4) ▲
Malta	75 (2.2) ▲
Portugal	74 (1.7) ▲
Slovenia	74 (2.1)
Czech Republic	73 (1.7)
New Zealand	73 (1.9)
Belgium (Flemish)	71 (2.3)
International Average	**70 (0.4)**
Norway (5)	70 (2.3)
Spain	68 (1.7)
Hungary	68 (2.1)
Finland	67 (1.9)
United Arab Emirates	67 (0.7) ▼
Denmark	67 (1.8) ▼
Qatar	65 (1.8) ▼
Slovak Republic	63 (3.2) ▼
Kazakhstan	63 (1.6) ▼
Germany	59 (1.8) ▼
Saudi Arabia	55 (3.3) ▼
Chinese Taipei	53 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.2) ▲
Alberta, Canada	81 (2.4) ▲
Dubai, UAE	80 (0.9) ▲
British Columbia, Canada	77 (1.9) ▲
Newfoundland & Labrador, Can.	67 (2.1)
Quebec, Canada	67 (2.1)
Abu Dhabi, UAE	58 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O05 (Oceans): Why is Deep Worker useful to underwater explorers
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	86 (2.0) ▲
Lithuania	83 (1.6) ▲
Czech Republic	80 (1.9) ▲
Italy	80 (1.7) ▲
Singapore	76 (1.4) ▲
Finland	75 (1.5) ▲
Denmark	75 (2.0) ▲
Portugal	74 (1.5) ▲
Germany	72 (1.6) ▲
Slovenia	69 (1.8)
Norway (5)	69 (2.2)
Spain	67 (2.1)
International Average	**67 (0.4)**
Kazakhstan	66 (1.6)
Slovak Republic	66 (3.6)
New Zealand	65 (1.8)
Sweden	65 (2.4)
Malta	60 (2.9) ▼
Russian Federation	57 (2.0) ▼
United Arab Emirates	56 (0.9) ▼
Hungary	56 (2.9) ▼
Qatar	56 (2.0) ▼
Chinese Taipei	55 (1.9) ▼
Saudi Arabia	55 (2.9) ▼
Israel	54 (1.5) ▼
Belgium (Flemish)	51 (2.7) ▼
Benchmarking Participants	
Quebec, Canada	83 (1.4) ▲
Dubai, UAE	72 (0.9) ▲
Alberta, Canada	70 (2.2)
Moscow City, Russian Fed.	68 (1.9)
British Columbia, Canada	66 (2.0)
Newfoundland & Labrador, Can.	65 (2.1)
Abu Dhabi, UAE	48 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O06 (Oceans): Which is a reason why oceans are important
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	86 (1.0) ▲
Sweden	85 (1.9) ▲
Russian Federation	82 (1.9) ▲
Finland	82 (1.3) ▲
Norway (5)	81 (2.2) ▲
Spain	80 (1.5) ▲
Lithuania	79 (1.9) ▲
Hungary	78 (1.9)
Italy	77 (1.9)
Germany	76 (1.4)
Portugal	76 (2.0)
Denmark	75 (2.0)
Israel	75 (1.5)
International Average	**75 (0.4)**
Czech Republic	74 (1.5)
Qatar	74 (1.6)
New Zealand	73 (1.7)
Malta	72 (3.4)
Slovak Republic	72 (3.5)
Croatia	71 (2.5)
United Arab Emirates	71 (0.7) ▼
Chinese Taipei	71 (2.2) ▼
Belgium (Flemish)	70 (2.3) ▼
Slovenia	70 (2.0) ▼
Kazakhstan	69 (1.7) ▼
Saudi Arabia	60 (2.8) ▼
Benchmarking Participants	
Alberta, Canada	87 (1.6) ▲
Quebec, Canada	86 (1.3) ▲
Moscow City, Russian Fed.	85 (1.4) ▲
Dubai, UAE	83 (1.1) ▲
Newfoundland & Labrador, Can.	82 (2.4) ▲
British Columbia, Canada	80 (2.1) ▲
Abu Dhabi, UAE	67 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O07 (Oceans): Link likely to have Information about habitats
Multiple Choice (Key is B)

Country	Percent Full Credit
Finland	82 (1.4) ▲
Singapore	76 (1.2) ▲
Russian Federation	74 (2.7) ▲
Czech Republic	74 (1.8) ▲
Sweden	73 (1.9) ▲
Portugal	71 (1.7) ▲
Lithuania	71 (2.0)
New Zealand	70 (1.6) ▲
Croatia	70 (2.5)
Hungary	70 (2.2)
Denmark	69 (2.2)
Chinese Taipei	68 (1.9)
Kazakhstan	68 (1.6)
Qatar	67 (1.6)
International Average	**67 (0.4)**
Italy	67 (1.9)
Germany	67 (2.0)
Malta	66 (2.5)
Slovak Republic	66 (2.3)
Norway (5)	64 (2.3)
United Arab Emirates	64 (0.7) ▼
Spain	64 (1.5) ▼
Slovenia	61 (2.4) ▼
Israel	60 (2.0) ▼
Belgium (Flemish)	52 (2.8) ▼
Saudi Arabia	49 (2.8) ▼
Benchmarking Participants	
British Columbia, Canada	78 (2.3) ▲
Moscow City, Russian Fed.	76 (1.4) ▲
Dubai, UAE	73 (1.1) ▲
Newfoundland & Labrador, Can.	73 (2.5) ▲
Quebec, Canada	73 (1.7) ▲
Alberta, Canada	72 (3.3)
Abu Dhabi, UAE	62 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O08 (Oceans): Two ways that ocean habitats can be different
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	86 (1.9) ▲	92 (1.2) ▲
Belgium (Flemish)	78 (2.3) ▲	86 (1.8) ▲
Lithuania	78 (1.8) ▲	84 (1.4) ▲
Russian Federation	77 (1.8) ▲	87 (1.4) ▲
Slovak Republic	76 (2.2) ▲	85 (1.6) ▲
Spain	75 (1.7) ▲	80 (1.4)
Singapore	73 (1.2) ▲	87 (1.1) ▲
Italy	71 (2.0) ▲	88 (1.4) ▲
Qatar	69 (1.8)	76 (1.7)
Malta	69 (2.1)	81 (1.8)
Denmark	68 (1.9)	84 (1.4) ▲
International Average	**66 (0.4)**	**80 (0.4)**
Sweden	66 (2.1)	83 (1.8)
New Zealand	65 (1.9)	80 (1.7)
Finland	65 (1.4)	83 (1.2) ▲
Germany	65 (1.6)	80 (1.5)
Croatia	64 (2.7)	83 (3.0)
Portugal	63 (1.6) ▼	74 (1.5) ▼
United Arab Emirates	62 (1.0) ▼	74 (0.8) ▼
Czech Republic	62 (2.4) ▼	80 (1.9)
Saudi Arabia	61 (2.6) ▼	74 (2.3) ▼
Hungary	60 (2.2) ▼	74 (2.2) ▼
Slovenia	59 (2.4) ▼	68 (2.1) ▼
Israel	55 (2.2) ▼	68 (2.1) ▼
Norway (5)	52 (2.1) ▼	75 (2.1) ▼
Kazakhstan	40 (1.8) ▼	61 (1.9) ▼
Benchmarking Participants		
Quebec, Canada	78 (1.8) ▲	87 (1.2) ▲
Moscow City, Russian Fed.	76 (1.6) ▲	84 (1.3) ▲
Dubai, UAE	74 (1.6) ▲	83 (1.2) ▲
Alberta, Canada	72 (2.3) ▲	83 (1.6) ▲
British Columbia, Canada	65 (2.0)	81 (1.9)
Newfoundland & Labrador, Can.	60 (2.3) ▼	76 (1.9) ▼
Abu Dhabi, UAE	55 (1.6) ▼	68 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O09 (Oceans): Why are plants found in top layer of the ocean
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	87 (1.9) ▲
Finland	84 (1.4) ▲
Chinese Taipei	84 (1.8) ▲
Singapore	83 (1.1) ▲
Russian Federation	82 (2.1) ▲
Lithuania	80 (1.6) ▲
Italy	79 (1.6) ▲
Czech Republic	78 (1.7) ▲
Sweden	78 (2.2)
Belgium (Flemish)	78 (2.1)
Denmark	77 (1.9)
Slovak Republic	77 (2.4)
Norway (5)	77 (2.1)
New Zealand	75 (1.7)
International Average	**75 (0.4)**
Spain	73 (2.0)
Slovenia	72 (2.2)
Portugal	72 (1.8)
Germany	72 (1.7) ▼
Malta	71 (3.4)
Hungary	69 (2.1) ▼
Qatar	69 (1.8) ▼
Kazakhstan	68 (1.9) ▼
United Arab Emirates	68 (0.7) ▼
Israel	63 (1.6) ▼
Saudi Arabia	58 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	88 (1.5) ▲
Quebec, Canada	83 (1.6) ▲
Dubai, UAE	81 (0.9) ▲
Alberta, Canada	80 (2.6)
British Columbia, Canada	79 (1.8) ▲
Newfoundland & Labrador, Can.	79 (2.4)
Abu Dhabi, UAE	59 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O10 (Oceans): Give two things about coral reef habitats
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	73 (2.8) ▲	92 (1.5) ▲
Singapore	72 (1.2) ▲	90 (0.8) ▲
Lithuania	71 (2.0) ▲	89 (1.4) ▲
Croatia	63 (3.6) ▲	86 (3.1)
Italy	57 (2.1)	90 (1.1) ▲
Sweden	57 (2.3)	81 (1.9)
Czech Republic	57 (2.0)	91 (1.1) ▲
Malta	56 (2.9)	84 (1.9)
Slovak Republic	56 (3.2)	87 (2.1) ▲
Germany	56 (1.9)	83 (1.5)
Norway (5)	55 (2.5)	80 (2.2)
International Average	**54 (0.4)**	**82 (0.4)**
New Zealand	53 (1.8)	81 (1.5)
Denmark	53 (2.1)	83 (1.7)
Kazakhstan	52 (1.8)	77 (1.6) ▼
United Arab Emirates	52 (0.9) ▼	77 (0.7) ▼
Qatar	50 (2.0)	78 (1.5) ▼
Finland	50 (1.8)	90 (1.1) ▲
Portugal	50 (2.2)	81 (1.6)
Israel	49 (1.7) ▼	81 (1.8)
Chinese Taipei	49 (2.1) ▼	90 (1.1) ▲
Hungary	48 (2.2) ▼	78 (1.7) ▼
Slovenia	47 (2.1) ▼	73 (2.1) ▼
Belgium (Flemish)	46 (2.1) ▼	79 (2.0)
Spain	43 (1.9) ▼	78 (2.2) ▼
Saudi Arabia	27 (2.2) ▼	60 (2.6) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	80 (1.5) ▲	94 (1.1) ▲
Alberta, Canada	70 (2.5) ▲	89 (1.8) ▲
Dubai, UAE	64 (1.2) ▲	86 (0.8) ▲
British Columbia, Canada	59 (2.3) ▲	86 (1.3) ▲
Newfoundland & Labrador, Can.	55 (3.0)	90 (1.1) ▲
Quebec, Canada	55 (2.0)	82 (1.9)
Abu Dhabi, UAE	45 (1.4) ▼	70 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O11 (Oceans): How pollution affects fish that live in reefs
Constructed Response (1 Point)

Country	Percent Full Credit
Croatia	64 (2.6) ▲
Finland	59 (1.7) ▲
Russian Federation	59 (2.8) ▲
Hungary	58 (2.7) ▲
Singapore	56 (1.5) ▲
Czech Republic	49 (2.2) ▲
Slovenia	48 (2.4) ▲
Belgium (Flemish)	48 (2.6) ▲
Slovak Republic	47 (3.1)
Germany	46 (1.9) ▲
New Zealand	45 (2.1)
Sweden	44 (2.7)
International Average	**42 (0.4)**
Norway (5)	40 (2.3)
Italy	40 (2.0)
Lithuania	39 (2.0)
Spain	38 (1.7) ▼
Israel	37 (2.0) ▼
Denmark	37 (2.0) ▼
Chinese Taipei	35 (2.2) ▼
Portugal	34 (2.0) ▼
United Arab Emirates	33 (0.9) ▼
Malta	28 (2.4) ▼
Kazakhstan	26 (1.7) ▼
Qatar	25 (1.4) ▼
Saudi Arabia	15 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	64 (2.0) ▲
Dubai, UAE	51 (1.4) ▲
British Columbia, Canada	49 (2.2) ▲
Alberta, Canada	48 (2.9) ▲
Newfoundland & Labrador, Can.	44 (2.7)
Quebec, Canada	37 (1.6) ▼
Abu Dhabi, UAE	26 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O12 (Oceans): What the Everest animation help you understand
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	38 (1.6) ▲	76 (1.3) ▲
Russian Federation	35 (2.1) ▲	80 (2.5) ▲
Czech Republic	34 (2.0) ▲	75 (1.8) ▲
Germany	32 (2.0) ▲	63 (2.2)
Croatia	30 (3.1) ▲	75 (2.9) ▲
Slovak Republic	29 (2.8) ▲	57 (3.4)
Lithuania	29 (2.3) ▲	75 (2.1) ▲
Sweden	26 (2.2)	73 (2.0) ▲
United Arab Emirates	24 (0.7) ▲	61 (0.7) ▼
New Zealand	24 (1.7)	72 (1.7) ▲
Slovenia	24 (2.2)	59 (2.4)
Kazakhstan	23 (1.6)	58 (1.8) ▼
International Average	**22 (0.4)**	**63 (0.5)**
Qatar	22 (2.0)	52 (2.3) ▼
Denmark	21 (1.8)	72 (1.7) ▲
Norway (5)	21 (1.7)	71 (2.0) ▲
Belgium (Flemish)	19 (2.0)	60 (2.9)
Spain	19 (1.4) ▼	55 (1.5) ▼
Italy	19 (1.8) ▼	65 (2.3)
Malta	18 (2.0) ▼	60 (3.0)
Israel	16 (1.5) ▼	47 (2.0) ▼
Hungary	15 (1.8) ▼	69 (2.2) ▲
Finland	14 (0.7) ▼	61 (1.7)
Chinese Taipei	13 (1.6) ▼	55 (2.4) ▼
Portugal	10 (1.1) ▼	50 (1.8) ▼
Saudi Arabia	7 (1.6) ▼	38 (3.8) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	36 (1.6) ▲	78 (1.7) ▲
Dubai, UAE	35 (1.3) ▲	73 (1.2) ▲
Quebec, Canada	23 (1.7)	67 (2.0)
Abu Dhabi, UAE	21 (1.1)	55 (1.2) ▼
Newfoundland & Labrador, Can.	20 (2.3)	68 (3.0)
Alberta, Canada	19 (1.8)	71 (2.9) ▲
British Columbia, Canada	18 (1.6) ▼	64 (1.9)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O13 (Oceans): Why the dragonfish a good example of a weird fish
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	80 (1.3) ▲	93 (0.8) ▲
Croatia	78 (2.2) ▲	95 (1.1) ▲
Sweden	73 (2.0) ▲	94 (1.0) ▲
Russian Federation	73 (1.9) ▲	95 (1.1) ▲
Chinese Taipei	72 (2.1) ▲	90 (1.2) ▲
Slovak Republic	68 (3.6)	90 (1.3) ▲
Belgium (Flemish)	68 (2.4) ▲	89 (1.5) ▲
Hungary	68 (2.4) ▲	87 (1.8)
Portugal	67 (2.1) ▲	87 (1.3)
New Zealand	67 (1.8) ▲	89 (1.3) ▲
Italy	66 (2.0)	91 (1.3) ▲
Norway (5)	65 (2.0)	89 (1.4) ▲
International Average	**63 (0.4)**	**86 (0.3)**
Israel	62 (2.1)	83 (1.8)
Spain	62 (2.0)	87 (1.2)
Malta	61 (2.9)	79 (1.9) ▼
United Arab Emirates	60 (0.6) ▼	76 (0.6) ▼
Germany	60 (1.7)	88 (1.3)
Qatar	60 (2.0)	80 (1.7) ▼
Czech Republic	58 (2.3) ▼	84 (1.7)
Lithuania	57 (2.1) ▼	85 (1.9)
Kazakhstan	56 (2.3) ▼	80 (1.6) ▼
Finland	50 (1.6) ▼	83 (1.1) ▼
Denmark	48 (2.2) ▼	85 (1.8)
Saudi Arabia	48 (3.0) ▼	66 (2.7) ▼
Slovenia	45 (2.0) ▼	79 (2.1) ▼
Benchmarking Participants		
Alberta, Canada	72 (2.8) ▲	93 (1.2) ▲
Dubai, UAE	71 (1.4) ▲	87 (0.9)
Moscow City, Russian Fed.	71 (1.8) ▲	95 (1.0) ▲
Quebec, Canada	69 (1.8) ▲	93 (1.2) ▲
Newfoundland & Labrador, Can.	68 (2.6) ▲	89 (2.2)
British Columbia, Canada	67 (2.1) ▲	90 (1.3) ▲
Abu Dhabi, UAE	51 (1.2) ▼	67 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O14 (Oceans): Link that is most likely to explain pollution
Multiple Choice (Key is C)

Country	Percent Full Credit
Finland	84 (1.2) ▲
Chinese Taipei	79 (1.8) ▲
Russian Federation	79 (2.0) ▲
Norway (5)	79 (2.0) ▲
Denmark	79 (1.9) ▲
Czech Republic	78 (1.6) ▲
Italy	77 (2.1)
Lithuania	76 (1.6)
Sweden	76 (2.0)
Germany	76 (1.8)
Slovak Republic	76 (2.2)
New Zealand	75 (1.7)
Singapore	75 (1.2)
International Average	**74 (0.4)**
Hungary	74 (2.0)
Portugal	74 (1.5)
Croatia	73 (3.0)
Belgium (Flemish)	73 (2.3)
Slovenia	73 (2.2)
Kazakhstan	73 (1.6)
Israel	72 (1.8)
Malta	71 (2.4)
Spain	69 (2.1) ▼
United Arab Emirates	64 (0.9) ▼
Qatar	63 (2.2) ▼
Saudi Arabia	55 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.5) ▲
Alberta, Canada	78 (2.6)
Dubai, UAE	76 (1.4)
British Columbia, Canada	74 (2.4)
Newfoundland & Labrador, Can.	74 (2.8)
Quebec, Canada	71 (2.4)
Abu Dhabi, UAE	60 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O15 (Oceans): How does this support that garbage is all over
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	38 (2.2) ▲
Singapore	34 (1.5) ▲
Portugal	34 (1.9) ▲
Finland	30 (1.4) ▲
Lithuania	28 (2.1) ▲
Italy	28 (2.1) ▲
Israel	28 (1.9) ▲
New Zealand	28 (1.9) ▲
Slovak Republic	25 (3.7)
Chinese Taipei	24 (1.8)
Croatia	24 (2.5)
International Average	**23 (0.4)**
Saudi Arabia	23 (2.1)
United Arab Emirates	23 (0.7)
Qatar	22 (1.5)
Kazakhstan	21 (1.2)
Malta	21 (2.4)
Hungary	20 (1.7) ▼
Norway (5)	18 (1.6) ▼
Belgium (Flemish)	18 (2.0) ▼
Czech Republic	17 (1.7) ▼
Slovenia	16 (2.1) ▼
Spain	15 (1.6) ▼
Denmark	15 (1.9) ▼
Sweden	15 (1.6) ▼
Germany	13 (1.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	53 (2.0) ▲
Quebec, Canada	35 (2.2) ▲
Dubai, UAE	34 (1.3) ▲
British Columbia, Canada	29 (2.0) ▲
Alberta, Canada	22 (1.7)
Abu Dhabi, UAE	18 (1.1) ▼
Newfoundland & Labrador, Can.	17 (2.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O16 (Oceans): Why did the author include this sentence
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	69 (1.3) ▲
Russian Federation	67 (2.3) ▲
Chinese Taipei	66 (2.0) ▲
Italy	65 (1.9) ▲
Hungary	61 (2.1) ▲
Lithuania	57 (2.0) ▲
Slovak Republic	57 (3.4)
Germany	55 (1.8)
Israel	54 (2.0)
Kazakhstan	52 (1.7)
International Average	**52 (0.4)**
Czech Republic	50 (2.2)
Portugal	49 (2.1)
Croatia	49 (2.6)
New Zealand	49 (2.0)
Sweden	48 (2.6)
Spain	47 (1.8) ▼
Malta	46 (3.6)
United Arab Emirates	46 (0.8) ▼
Denmark	45 (2.2) ▼
Finland	45 (1.8) ▼
Qatar	44 (2.2) ▼
Slovenia	44 (2.4) ▼
Norway (5)	43 (2.1) ▼
Saudi Arabia	42 (2.4) ▼
Belgium (Flemish)	40 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (2.0) ▲
Dubai, UAE	61 (1.5) ▲
Alberta, Canada	59 (2.4) ▲
British Columbia, Canada	53 (2.1)
Newfoundland & Labrador, Can.	50 (3.1)
Quebec, Canada	46 (2.3) ▼
Abu Dhabi, UAE	44 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O17 (Oceans): One way technology reduces plastic in the ocean
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	55 (1.4) ▲
Russian Federation	53 (2.3) ▲
Croatia	48 (2.8) ▲
Italy	45 (2.1) ▲
Spain	43 (1.8) ▲
Lithuania	42 (2.2) ▲
Finland	38 (1.4)
Qatar	37 (1.7)
United Arab Emirates	37 (1.0)
Denmark	37 (2.1)
International Average	**36 (0.4)**
Czech Republic	35 (2.1)
Portugal	35 (2.0)
Israel	32 (2.0)
Slovak Republic	32 (2.8)
New Zealand	31 (1.7) ▼
Slovenia	31 (2.0) ▼
Germany	31 (1.9) ▼
Sweden	31 (2.3) ▼
Norway (5)	31 (2.2) ▼
Kazakhstan	31 (1.7) ▼
Malta	29 (2.3) ▼
Saudi Arabia	29 (3.3) ▼
Chinese Taipei	28 (1.9) ▼
Hungary	27 (2.2) ▼
Belgium (Flemish)	20 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	59 (2.0) ▲
Dubai, UAE	51 (1.9) ▲
Quebec, Canada	45 (2.3) ▲
Alberta, Canada	35 (2.5)
British Columbia, Canada	31 (2.2)
Abu Dhabi, UAE	30 (1.6) ▼
Newfoundland & Labrador, Can.	30 (2.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051O18 (Oceans): Do you agree with this statement
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	41 (3.6) ▲	71 (2.8) ▲
Singapore	33 (1.3) ▲	64 (1.4) ▲
Portugal	30 (1.8) ▲	63 (1.6) ▲
Italy	28 (2.2) ▲	65 (2.2) ▲
Slovak Republic	25 (3.8)	49 (3.1)
Finland	25 (1.5)	50 (1.6)
Czech Republic	25 (2.1)	51 (2.2)
Croatia	24 (2.6)	61 (3.2) ▲
Sweden	24 (1.9)	50 (2.5)
Norway (5)	23 (2.3)	55 (2.7)
International Average	**22 (0.4)**	**52 (0.5)**
Spain	22 (2.0)	53 (2.3)
Malta	21 (3.1)	54 (3.6)
Kazakhstan	21 (1.4)	53 (2.1)
United Arab Emirates	21 (0.8)	49 (0.9) ▼
New Zealand	21 (1.7)	49 (2.3)
Chinese Taipei	20 (2.0)	50 (2.4)
Hungary	20 (2.2)	48 (2.5)
Israel	19 (1.7)	47 (2.1) ▼
Germany	19 (1.5)	44 (2.2) ▼
Belgium (Flemish)	18 (2.0) ▼	44 (2.3) ▼
Slovenia	17 (1.6) ▼	46 (2.4) ▼
Denmark	15 (1.6) ▼	46 (2.3) ▼
Qatar	15 (2.0) ▼	48 (2.7)
Saudi Arabia	14 (1.8) ▼	39 (2.6) ▼
Lithuania	13 (1.4) ▼	48 (2.1)
Benchmarking Participants		
Moscow City, Russian Fed.	47 (2.4) ▲	78 (1.6) ▲
Dubai, UAE	30 (1.6) ▲	64 (1.5) ▲
Alberta, Canada	24 (2.0)	54 (2.6)
British Columbia, Canada	22 (1.6)	51 (2.4)
Newfoundland & Labrador, Can.	18 (2.9)	50 (2.6)
Abu Dhabi, UAE	18 (1.2) ▼	39 (1.4) ▼
Quebec, Canada	13 (1.4) ▼	47 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V01 (Voyages of Discovery): Link about Magellan's voyage around world
Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	65 (2.9) ▲
Finland	65 (2.0) ▲
Czech Republic	61 (2.2) ▲
Denmark	60 (1.9) ▲
Slovak Republic	59 (2.6) ▲
Italy	56 (2.3)
Portugal	55 (2.0)
Kazakhstan	55 (1.4) ▲
Croatia	55 (3.2)
Israel	54 (2.1)
New Zealand	53 (2.4)
Hungary	53 (2.4)
Sweden	52 (2.5)
International Average	**51 (0.5)**
Lithuania	51 (2.0)
Norway (5)	49 (2.2)
Slovenia	49 (2.7)
Belgium (Flemish)	48 (2.4)
Saudi Arabia	47 (3.6)
Qatar	46 (2.1) ▼
Spain	45 (1.6) ▼
Singapore	45 (1.5) ▼
Chinese Taipei	44 (2.1) ▼
Germany	42 (1.6) ▼
Malta	40 (2.8) ▼
United Arab Emirates	38 (0.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	70 (1.7) ▲
Dubai, UAE	47 (1.1) ▼
British Columbia, Canada	47 (2.5)
Quebec, Canada	44 (1.9) ▼
Newfoundland & Labrador, Can.	43 (2.3) ▼
Alberta, Canada	43 (3.7) ▼
Abu Dhabi, UAE	35 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V02 (Voyages of Discovery): Magellan's goal
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	84 (2.2) ▲
Singapore	82 (1.2) ▲
Czech Republic	81 (1.9) ▲
Slovak Republic	80 (1.6) ▲
Italy	76 (1.8) ▲
Denmark	75 (2.1) ▲
Slovenia	75 (2.1) ▲
Lithuania	74 (1.9) ▲
Finland	74 (2.3)
Sweden	73 (2.2)
Hungary	72 (2.3)
Spain	72 (1.9)
New Zealand	71 (1.7)
United Arab Emirates	71 (0.6)
International Average	**70 (0.4)**
Kazakhstan	70 (1.5)
Norway (5)	69 (2.4)
Malta	68 (2.8)
Germany	68 (1.8)
Qatar	67 (2.3)
Croatia	65 (2.8)
Saudi Arabia	62 (2.7) ▼
Chinese Taipei	61 (1.9) ▼
Portugal	60 (2.0) ▼
Israel	58 (1.9) ▼
Belgium (Flemish)	51 (2.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	89 (1.2) ▲
Dubai, UAE	82 (1.1) ▲
British Columbia, Canada	78 (1.8) ▲
Quebec, Canada	77 (1.5) ▲
Newfoundland & Labrador, Can.	73 (3.0)
Alberta, Canada	72 (2.6)
Abu Dhabi, UAE	61 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V03 (Voyages of Discovery): Voyage across the Atlantic took only three months
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	54 (3.1) ▲
Finland	52 (1.9) ▲
Croatia	51 (2.8) ▲
Italy	50 (2.4) ▲
Hungary	44 (2.2) ▲
Sweden	44 (2.8) ▲
Norway (5)	43 (2.2) ▲
Spain	42 (1.8) ▲
Denmark	41 (2.1) ▲
Germany	40 (2.2) ▲
Chinese Taipei	39 (1.9) ▲
Slovak Republic	38 (2.2)
Portugal	37 (1.8)
Belgium (Flemish)	37 (2.6)
International Average	**35 (0.4)**
Malta	35 (2.5)
Singapore	34 (1.5)
Slovenia	31 (2.4)
New Zealand	31 (1.9) ▼
Lithuania	29 (1.8) ▼
Czech Republic	29 (2.1) ▼
Kazakhstan	27 (1.9) ▼
United Arab Emirates	21 (0.6) ▼
Israel	15 (1.5) ▼
Qatar	14 (1.8) ▼
Saudi Arabia	7 (1.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	59 (1.8) ▲
Quebec, Canada	37 (1.7)
Dubai, UAE	36 (1.3)
British Columbia, Canada	30 (2.1) ▼
Newfoundland & Labrador, Can.	29 (2.3) ▼
Alberta, Canada	20 (2.3) ▼
Abu Dhabi, UAE	15 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V04 (Voyages of Discovery): How red line helps understand they searched inlets
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Hungary	34 (2.4) ▲	57 (2.5) ▲
Lithuania	25 (1.9) ▲	64 (2.5) ▲
Norway (5)	25 (2.0) ▲	58 (2.1) ▲
Belgium (Flemish)	25 (2.5) ▲	32 (2.6) ▼
Italy	24 (2.0) ▲	51 (2.2)
Russian Federation	22 (1.9) ▲	54 (2.6)
Sweden	22 (2.1) ▲	66 (2.7) ▲
Croatia	18 (2.0)	71 (2.9) ▲
Portugal	18 (1.5)	44 (1.9) ▼
Slovak Republic	17 (1.8)	49 (2.6)
Qatar	15 (1.2)	37 (1.9) ▼
Czech Republic	15 (1.5)	40 (1.9) ▼
International Average	**15 (0.3)**	**50 (0.5)**
Singapore	14 (1.1)	69 (1.3) ▲
Israel	14 (1.7)	43 (1.9) ▼
Denmark	13 (1.5)	61 (2.1) ▲
Finland	13 (1.0) ▼	61 (2.0) ▲
Chinese Taipei	10 (1.3) ▼	39 (2.1) ▼
Slovenia	10 (1.3) ▼	53 (2.7)
New Zealand	8 (0.9) ▼	66 (2.1) ▲
Malta	8 (1.5) ▼	50 (3.5)
Kazakhstan	8 (0.9) ▼	36 (1.8) ▼
Saudi Arabia	7 (1.5) ▼	30 (2.7) ▼
United Arab Emirates	5 (0.4) ▼	38 (1.0) ▼
Germany	4 (0.8) ▼	46 (1.8) ▼
Spain	3 (0.6) ▼	31 (2.1) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	28 (1.9) ▲	60 (2.0) ▲
British Columbia, Canada	20 (2.2) ▲	74 (2.1) ▲
Alberta, Canada	17 (2.6)	73 (2.0) ▲
Newfoundland & Labrador, Can.	15 (2.2)	74 (2.3) ▲
Dubai, UAE	12 (1.2) ▼	59 (1.4) ▲
Quebec, Canada	7 (1.0) ▼	59 (2.0) ▲
Abu Dhabi, UAE	2 (0.4) ▼	33 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V05 (Voyages of Discovery): What was wrong with Magellan's plan
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	86 (1.1) ▲
Sweden	80 (2.1) ▲
Czech Republic	78 (2.2) ▲
Denmark	76 (2.2) ▲
Finland	75 (1.7) ▲
Croatia	75 (2.9) ▲
Russian Federation	74 (2.0) ▲
New Zealand	74 (1.6) ▲
Italy	73 (2.2)
Norway (5)	73 (2.0)
Lithuania	71 (1.9)
Malta	70 (1.9)
International Average	**70 (0.4)**
Belgium (Flemish)	69 (2.4)
Slovenia	69 (2.5)
Germany	68 (1.8)
Hungary	68 (2.2)
Portugal	68 (1.6)
Slovak Republic	68 (2.2)
United Arab Emirates	66 (0.8) ▼
Israel	65 (2.1) ▼
Spain	62 (1.8) ▼
Qatar	58 (1.9) ▼
Saudi Arabia	56 (2.7) ▼
Kazakhstan	48 (1.8) ▼
Chinese Taipei	– –
Benchmarking Participants	
Moscow City, Russian Fed.	82 (1.4) ▲
Dubai, UAE	77 (1.2) ▲
British Columbia, Canada	73 (1.9)
Quebec, Canada	70 (2.0)
Alberta, Canada	70 (2.3)
Newfoundland & Labrador, Can.	66 (2.5)
Abu Dhabi, UAE	61 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

E051V06 (Voyages of Discovery): Getting the spices cargo worth the difficulty
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	71 (2.2) ▲
Hungary	63 (2.3) ▲
Singapore	62 (1.6) ▲
Lithuania	62 (2.0) ▲
Croatia	56 (2.9) ▲
Norway (5)	55 (2.1) ▲
New Zealand	53 (2.0) ▲
Finland	53 (2.4) ▲
Czech Republic	53 (1.8) ▲
Italy	50 (2.0)
Sweden	50 (2.6)
International Average	**48 (0.4)**
Malta	48 (2.8)
Spain	48 (1.7)
Chinese Taipei	47 (1.8)
Slovenia	45 (2.1)
Slovak Republic	44 (2.1) ▼
United Arab Emirates	43 (0.8) ▼
Israel	43 (2.3) ▼
Portugal	43 (1.9) ▼
Germany	41 (2.0) ▼
Kazakhstan	38 (1.8) ▼
Belgium (Flemish)	37 (2.0) ▼
Qatar	37 (2.4) ▼
Denmark	36 (2.2) ▼
Saudi Arabia	29 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.5) ▲
British Columbia, Canada	61 (2.0) ▲
Dubai, UAE	60 (1.5) ▲
Alberta, Canada	57 (2.7) ▲
Newfoundland & Labrador, Can.	56 (2.6) ▲
Quebec, Canada	50 (2.2)
Abu Dhabi, UAE	30 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V07 (Voyages of Discovery): Link likely about Darwin and South America
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	84 (2.2) ▲
Finland	81 (1.6) ▲
Singapore	74 (1.4) ▲
Italy	72 (1.6) ▲
Denmark	71 (2.0) ▲
Portugal	70 (1.9) ▲
Sweden	70 (2.5) ▲
Croatia	69 (2.3) ▲
Chinese Taipei	68 (2.1)
Spain	67 (1.3)
Lithuania	65 (2.1)
Hungary	65 (2.6)
Norway (5)	65 (2.5)
Slovak Republic	64 (2.2)
International Average	**64 (0.4)**
Czech Republic	64 (2.3)
New Zealand	63 (2.1)
Slovenia	60 (2.4) ▼
Israel	59 (1.9) ▼
Kazakhstan	59 (1.8) ▼
Germany	58 (1.6) ▼
Malta	56 (2.7) ▼
United Arab Emirates	52 (1.0) ▼
Belgium (Flemish)	52 (2.8) ▼
Saudi Arabia	49 (3.2) ▼
Qatar	49 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	84 (1.6) ▲
British Columbia, Canada	75 (1.8) ▲
Quebec, Canada	73 (2.1) ▲
Alberta, Canada	67 (3.1)
Newfoundland & Labrador, Can.	67 (2.4)
Dubai, UAE	66 (1.6)
Abu Dhabi, UAE	46 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V08 (Voyages of Discovery): Why did the Beagle sail to South America
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	78 (1.3) ▲
Russian Federation	76 (3.0) ▲
Croatia	69 (2.8) ▲
Lithuania	67 (1.7) ▲
Slovak Republic	65 (2.0) ▲
New Zealand	64 (2.0) ▲
Hungary	63 (2.1) ▲
Italy	62 (2.3) ▲
Sweden	59 (2.8)
Spain	59 (1.7)
International Average	**57 (0.4)**
Czech Republic	57 (2.4)
United Arab Emirates	57 (0.9)
Norway (5)	57 (2.1)
Portugal	57 (2.3)
Israel	56 (2.0)
Kazakhstan	55 (1.8)
Finland	54 (1.9) ▼
Slovenia	54 (2.4)
Denmark	53 (2.0) ▼
Belgium (Flemish)	49 (2.9) ▼
Germany	48 (1.9) ▼
Malta	47 (2.7) ▼
Chinese Taipei	45 (2.1) ▼
Qatar	45 (1.8) ▼
Saudi Arabia	39 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.5) ▲
Dubai, UAE	69 (1.2) ▲
Alberta, Canada	63 (2.5) ▲
British Columbia, Canada	61 (1.9)
Newfoundland & Labrador, Can.	60 (2.2)
Abu Dhabi, UAE	51 (1.5) ▼
Quebec, Canada	49 (2.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09 (Voyages of Discovery): Charles Darwin's duties (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	57 (1.4) ▲	82 (1.2) ▲
Lithuania	47 (2.4) ▲	68 (1.7)
Croatia	47 (3.3) ▲	71 (2.8)
Hungary	47 (2.5) ▲	70 (2.3)
Sweden	46 (2.5) ▲	79 (2.1) ▲
Russian Federation	44 (2.7) ▲	72 (2.1) ▲
Slovenia	44 (2.6) ▲	68 (2.1)
Czech Republic	42 (2.0) ▲	74 (1.4) ▲
Finland	40 (2.1)	75 (1.8) ▲
New Zealand	39 (2.1)	73 (1.8) ▲
Slovak Republic	38 (2.0)	71 (2.0)
Israel	38 (2.0)	67 (2.2)
Germany	37 (1.9)	65 (2.1)
International Average	**37 (0.4)**	**68 (0.4)**
Italy	36 (1.9)	67 (1.9)
Portugal	36 (2.0)	64 (1.9) ▼
Malta	36 (3.4)	68 (2.2)
Chinese Taipei	35 (2.0)	72 (1.9) ▲
United Arab Emirates	34 (0.7) ▼	65 (0.8) ▼
Norway (5)	33 (1.9) ▼	72 (1.9) ▲
Belgium (Flemish)	28 (2.5) ▼	59 (2.6) ▼
Spain	27 (1.6) ▼	56 (2.0) ▼
Qatar	26 (1.6) ▼	62 (2.1) ▼
Kazakhstan	26 (1.4) ▼	57 (1.9) ▼
Denmark	25 (1.8) ▼	63 (2.1) ▼
Saudi Arabia	20 (2.0) ▼	58 (2.6) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	57 (2.0) ▲	82 (1.5) ▲
Dubai, UAE	47 (1.2) ▲	76 (1.2) ▲
Quebec, Canada	44 (2.5) ▲	79 (1.8) ▲
Alberta, Canada	38 (3.2)	73 (2.5)
British Columbia, Canada	36 (2.3)	80 (1.7) ▲
Newfoundland & Labrador, Can.	30 (2.0) ▼	72 (1.9) ▲
Abu Dhabi, UAE	28 (0.9) ▼	56 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09A (Voyages of Discovery): Darwin's duties (lead the mission)
Multiple Choice (Key is B)

Country	Percent Full Credit
Sweden	85 (1.5) ▲
Singapore	83 (1.1) ▲
Russian Federation	83 (2.0) ▲
New Zealand	83 (1.5) ▲
Qatar	80 (1.6) ▲
Slovak Republic	79 (1.9)
Czech Republic	79 (1.6) ▲
Portugal	77 (1.5)
Lithuania	77 (1.8)
Croatia	76 (2.7)
International Average	**76 (0.4)**
Spain	76 (1.6)
Finland	76 (2.0)
United Arab Emirates	75 (0.7)
Malta	75 (2.6)
Norway (5)	75 (1.7)
Israel	75 (1.7)
Italy	75 (1.7)
Germany	74 (1.8)
Saudi Arabia	74 (2.7)
Denmark	72 (1.8) ▼
Hungary	71 (2.3)
Slovenia	71 (2.0) ▼
Chinese Taipei	68 (1.8) ▼
Belgium (Flemish)	67 (2.4) ▼
Kazakhstan	67 (1.9) ▼
Benchmarking Participants	
Quebec, Canada	86 (1.6) ▲
Moscow City, Russian Fed.	86 (1.4) ▲
Alberta, Canada	84 (1.8) ▲
British Columbia, Canada	84 (1.4) ▲
Dubai, UAE	83 (1.2) ▲
Newfoundland & Labrador, Can.	80 (2.2) ▲
Abu Dhabi, UAE	70 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09B (Voyages of Discovery): Darwin's duties (observe animals)
Multiple Choice (Key is A)

Country	Percent Full Credit
Hungary	72 (2.3) ▲
Singapore	72 (1.3) ▲
Croatia	69 (3.1) ▲
Israel	68 (2.1) ▲
Italy	66 (2.1) ▲
Lithuania	65 (2.6) ▲
Russian Federation	64 (2.9)
Norway (5)	61 (2.3)
Chinese Taipei	61 (2.1)
Sweden	60 (2.3)
Germany	60 (2.0)
Portugal	60 (1.8)
Slovenia	59 (2.4)
International Average	**59 (0.4)**
Slovak Republic	58 (2.5)
United Arab Emirates	57 (1.0)
New Zealand	56 (2.0)
Czech Republic	56 (1.9)
Kazakhstan	54 (1.8) ▼
Finland	52 (1.8) ▼
Malta	52 (2.6) ▼
Saudi Arabia	51 (2.8) ▼
Belgium (Flemish)	50 (2.5) ▼
Denmark	49 (2.1) ▼
Spain	48 (1.8) ▼
Qatar	45 (2.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	73 (1.9) ▲
Quebec, Canada	68 (1.9) ▲
Dubai, UAE	67 (1.1) ▲
Alberta, Canada	52 (3.4)
Abu Dhabi, UAE	52 (1.4) ▼
British Columbia, Canada	51 (2.2) ▼
Newfoundland & Labrador, Can.	46 (3.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09C (Voyages of Discovery): Darwin's duties (steer the ship)
Multiple Choice (Key is B)

Country	Percent Full Credit
Sweden	93 (1.2) ▲
Denmark	91 (1.1) ▲
New Zealand	90 (1.2) ▲
Singapore	90 (1.1) ▲
Malta	89 (1.9) ▲
Italy	88 (1.2) ▲
Norway (5)	88 (1.5) ▲
Croatia	87 (2.0)
Russian Federation	86 (1.6)
Qatar	86 (1.4)
Finland	85 (1.7)
Portugal	85 (1.3)
Germany	84 (1.3)
International Average	**84 (0.3)**
Czech Republic	83 (1.3)
Chinese Taipei	83 (1.5)
Saudi Arabia	83 (2.5)
United Arab Emirates	83 (0.7) ▼
Israel	81 (1.5) ▼
Slovak Republic	81 (2.1)
Lithuania	80 (1.7) ▼
Hungary	79 (1.7) ▼
Kazakhstan	79 (1.7) ▼
Belgium (Flemish)	79 (2.0) ▼
Spain	78 (1.4) ▼
Slovenia	78 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (0.9) ▲
Newfoundland & Labrador, Can.	93 (1.1) ▲
British Columbia, Canada	93 (0.8) ▲
Quebec, Canada	90 (1.5) ▲
Dubai, UAE	89 (0.8) ▲
Alberta, Canada	85 (2.5)
Abu Dhabi, UAE	78 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09D (Voyages of Discovery): Darwin's duties (make a map)
Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	86 (1.0) ▲
Slovenia	86 (1.8) ▲
Chinese Taipei	86 (1.6) ▲
Sweden	85 (1.8) ▲
Finland	84 (1.6) ▲
Norway (5)	83 (2.0) ▲
Malta	82 (2.1) ▲
Czech Republic	82 (1.6) ▲
Slovak Republic	82 (1.8) ▲
Israel	81 (1.7) ▲
Qatar	81 (1.7)
New Zealand	80 (1.8)
Russian Federation	79 (1.5)
Saudi Arabia	78 (2.0)
Croatia	78 (2.2)
Hungary	78 (1.9)
United Arab Emirates	78 (0.6)
International Average	**77 (0.4)**
Kazakhstan	76 (1.6)
Germany	75 (1.6)
Lithuania	70 (2.0) ▼
Denmark	70 (1.9) ▼
Belgium (Flemish)	69 (2.7) ▼
Portugal	63 (2.1) ▼
Italy	62 (2.1) ▼
Spain	61 (1.8) ▼
Benchmarking Participants	
British Columbia, Canada	87 (1.5) ▲
Newfoundland & Labrador, Can.	85 (1.9) ▲
Moscow City, Russian Fed.	84 (1.3) ▲
Dubai, UAE	81 (1.2) ▲
Quebec, Canada	79 (1.9)
Alberta, Canada	79 (2.0)
Abu Dhabi, UAE	75 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V09E (Voyages of Discovery): Darwin's duties (collect rocks and fossils)
Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	89 (0.9) ▲
Chinese Taipei	86 (1.5) ▲
Finland	85 (1.3) ▲
Sweden	82 (1.9) ▲
Czech Republic	80 (1.6) ▲
Croatia	78 (2.9) ▲
New Zealand	77 (1.6) ▲
Lithuania	77 (1.9) ▲
Slovenia	75 (1.7)
Slovak Republic	75 (2.3)
Malta	74 (2.1)
Denmark	73 (2.0)
International Average	**72 (0.4)**
Russian Federation	72 (2.2)
Italy	71 (2.0)
Hungary	71 (2.5)
Belgium (Flemish)	71 (2.5)
Portugal	71 (1.9)
Spain	69 (1.8)
Norway (5)	69 (1.8)
United Arab Emirates	69 (0.8) ▼
Germany	68 (1.9) ▼
Israel	63 (2.0) ▼
Kazakhstan	59 (1.4) ▼
Qatar	54 (1.9) ▼
Saudi Arabia	49 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	87 (1.3) ▲
Quebec, Canada	84 (1.6) ▲
British Columbia, Canada	81 (1.6) ▲
Dubai, UAE	79 (1.0) ▲
Alberta, Canada	79 (2.4) ▲
Newfoundland & Labrador, Can.	71 (2.0)
Abu Dhabi, UAE	63 (1.4) ▼

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

E051V10 (Voyages of Discovery): Three numbers in the first paragraph.
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	47 (2.6) ▲
Croatia	46 (2.9) ▲
Singapore	45 (1.5) ▲
Hungary	43 (2.5) ▲
New Zealand	37 (2.0) ▲
Malta	37 (2.2) ▲
Slovak Republic	34 (2.7)
Spain	33 (1.9)
Italy	32 (2.5)
Norway (5)	30 (2.1)
International Average	**30 (0.4)**
Lithuania	30 (2.0)
Sweden	29 (2.2)
Israel	29 (1.8)
Germany	29 (1.7)
United Arab Emirates	27 (1.0) ▼
Slovenia	27 (2.5)
Czech Republic	26 (1.8) ▼
Chinese Taipei	26 (2.0) ▼
Denmark	24 (2.2) ▼
Portugal	23 (1.9) ▼
Belgium (Flemish)	20 (2.0) ▼
Qatar	20 (1.3) ▼
Kazakhstan	20 (1.3) ▼
Saudi Arabia	16 (2.4) ▼
Finland	14 (1.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	55 (2.2) ▲
Dubai, UAE	43 (1.6) ▲
British Columbia, Canada	42 (2.0) ▲
Newfoundland & Labrador, Can.	37 (2.8) ▲
Alberta, Canada	35 (3.2)
Quebec, Canada	30 (1.9)
Abu Dhabi, UAE	21 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V11 (Voyages of Discovery): Darwin changed the way we think
Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	74 (1.8) ▲
Russian Federation	72 (2.3) ▲
Italy	71 (1.9) ▲
Singapore	71 (1.2) ▲
Spain	70 (2.1) ▲
Croatia	70 (2.4) ▲
Sweden	68 (2.3) ▲
Slovak Republic	66 (2.6)
Finland	65 (2.1)
Denmark	64 (2.2)
Kazakhstan	64 (1.7)
Germany	63 (1.8)
Lithuania	62 (2.3)
Portugal	62 (2.1)
International Average	**62 (0.4)**
Hungary	61 (2.5)
Czech Republic	61 (2.1)
Norway (5)	60 (2.2)
New Zealand	59 (1.8)
Malta	58 (2.3)
Slovenia	57 (2.3) ▼
Israel	57 (2.2) ▼
United Arab Emirates	53 (0.9) ▼
Belgium (Flemish)	49 (2.6) ▼
Qatar	45 (2.1) ▼
Saudi Arabia	44 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	76 (1.5) ▲
British Columbia, Canada	69 (2.0) ▲
Quebec, Canada	67 (1.9) ▲
Alberta, Canada	67 (2.5) ▲
Dubai, UAE	66 (1.3) ▲
Newfoundland & Labrador, Can.	55 (2.6) ▼
Abu Dhabi, UAE	44 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V12 (Voyages of Discovery): Link likely to have information on space voyages
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	72 (2.6) ▲
Czech Republic	59 (2.2) ▲
Slovenia	58 (2.2) ▲
Lithuania	57 (2.4) ▲
Croatia	57 (2.8) ▲
Kazakhstan	54 (1.8) ▲
Slovak Republic	53 (2.4) ▲
Israel	52 (2.0) ▲
Norway (5)	51 (2.1)
Italy	51 (2.1)
Spain	50 (2.1)
International Average	**48 (0.4)**
Portugal	47 (1.8)
Sweden	47 (2.7)
Saudi Arabia	46 (2.5)
Denmark	44 (2.2)
Chinese Taipei	42 (1.9) ▼
Germany	42 (2.0) ▼
Belgium (Flemish)	42 (2.2) ▼
Qatar	39 (2.0) ▼
Singapore	39 (1.6) ▼
Malta	38 (2.9) ▼
Hungary	37 (2.3) ▼
United Arab Emirates	36 (0.9) ▼
New Zealand	35 (2.1) ▼
Finland	– –
Benchmarking Participants	
Moscow City, Russian Fed.	62 (2.0) ▲
Quebec, Canada	51 (1.8)
British Columbia, Canada	48 (2.5)
Newfoundland & Labrador, Can.	41 (2.6) ▼
Dubai, UAE	41 (1.6) ▼
Alberta, Canada	40 (2.6) ▼
Abu Dhabi, UAE	31 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
A dash (–) indicates comparable data not available.

E051V13 (Voyages of Discovery): First person to orbit Earth from space
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	99 (0.5) ▲
Czech Republic	97 (0.7) ▲
Finland	96 (0.9) ▲
Sweden	96 (1.2) ▲
Hungary	95 (1.0) ▲
Croatia	95 (1.2) ▲
Italy	95 (1.0) ▲
Lithuania	94 (1.3) ▲
Slovenia	94 (0.9) ▲
Spain	94 (0.6) ▲
Portugal	93 (1.0) ▲
Norway (5)	93 (1.4) ▲
Slovak Republic	93 (1.0) ▲
Singapore	93 (0.8) ▲
Kazakhstan	93 (0.9) ▲
New Zealand	92 (0.9)
Denmark	92 (1.1)
Chinese Taipei	91 (1.3)
International Average	**91 (0.2)**
Belgium (Flemish)	90 (1.6)
Germany	89 (1.2)
Malta	87 (1.6) ▼
Israel	85 (1.5) ▼
Qatar	77 (1.6) ▼
United Arab Emirates	73 (0.7) ▼
Saudi Arabia	68 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.3) ▲
Quebec, Canada	98 (0.5) ▲
British Columbia, Canada	93 (1.1)
Newfoundland & Labrador, Can.	92 (1.2)
Dubai, UAE	90 (0.8)
Alberta, Canada	88 (2.0)
Abu Dhabi, UAE	61 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V14 (Voyages of Discovery): Outcome of the photo called Earthrise
Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	74 (1.8) ▲
Sweden	73 (2.5) ▲
New Zealand	72 (1.8) ▲
Singapore	70 (1.6) ▲
Norway (5)	69 (2.4) ▲
Lithuania	67 (2.3) ▲
Hungary	67 (2.1) ▲
Russian Federation	67 (2.3) ▲
Italy	65 (2.1)
Slovak Republic	65 (2.4)
Finland	63 (2.1)
Denmark	62 (2.0)
International Average	**62 (0.4)**
Belgium (Flemish)	61 (2.9)
Malta	61 (3.4)
Kazakhstan	60 (1.8)
Spain	60 (1.9)
Czech Republic	59 (2.1)
United Arab Emirates	58 (0.7) ▼
Saudi Arabia	57 (2.9)
Israel	57 (2.2) ▼
Germany	55 (1.8) ▼
Croatia	55 (2.8) ▼
Qatar	51 (2.0) ▼
Slovenia	49 (2.4) ▼
Portugal	49 (1.9) ▼
Benchmarking Participants	
Quebec, Canada	74 (2.1) ▲
Moscow City, Russian Fed.	74 (1.6) ▲
Alberta, Canada	69 (2.0) ▲
British Columbia, Canada	67 (2.0) ▲
Dubai, UAE	67 (1.3) ▲
Newfoundland & Labrador, Can.	65 (2.5)
Abu Dhabi, UAE	51 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V15 (Voyages of Discovery): Important advances of space shuttles
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	55 (1.5) ▲	76 (1.3) ▲
Russian Federation	53 (3.2) ▲	77 (2.5) ▲
Italy	43 (2.5) ▲	69 (2.4) ▲
Chinese Taipei	39 (2.1) ▲	64 (2.1) ▲
Portugal	36 (2.1) ▲	59 (2.4) ▲
Malta	32 (3.3)	55 (2.9)
Hungary	32 (2.4)	64 (2.7) ▲
Slovak Republic	32 (2.6)	57 (3.1)
New Zealand	31 (2.2)	58 (2.3)
Israel	30 (2.1)	50 (2.4) ▼
Lithuania	30 (2.1)	59 (2.3)
Qatar	29 (1.9)	53 (2.2)
United Arab Emirates	29 (0.8)	53 (0.8)
International Average	**29 (0.4)**	**55 (0.5)**
Croatia	27 (3.1)	56 (3.3)
Sweden	26 (2.7)	52 (2.9)
Finland	26 (1.8)	56 (2.1)
Spain	25 (1.4) ▼	52 (2.1)
Kazakhstan	24 (1.5) ▼	50 (1.6) ▼
Saudi Arabia	24 (3.2)	41 (3.5) ▼
Czech Republic	22 (2.1) ▼	55 (2.3)
Slovenia	20 (1.8) ▼	42 (2.5) ▼
Norway (5)	19 (2.1) ▼	49 (2.5) ▼
Denmark	17 (1.9) ▼	45 (2.9) ▼
Belgium (Flemish)	15 (2.2) ▼	38 (3.0) ▼
Germany	10 (1.5) ▼	34 (2.2) ▼
Benchmarking Participants		
Moscow City, Russian Fed.	53 (2.0) ▲	76 (1.6) ▲
Dubai, UAE	39 (1.5) ▲	68 (1.2) ▲
British Columbia, Canada	33 (2.6)	62 (2.3) ▲
Alberta, Canada	30 (2.7)	61 (2.2) ▲
Newfoundland & Labrador, Can.	26 (2.4)	52 (3.4)
Quebec, Canada	25 (1.5) ▼	59 (2.1) ▲
Abu Dhabi, UAE	20 (1.3) ▼	42 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V16 (Voyages of Discovery): Why did looking at Earth from space
Constructed Response (1 Point)

Country	Percent Full Credit
Singapore	76 (1.5) ▲
Finland	73 (1.4) ▲
Chinese Taipei	70 (1.8) ▲
Russian Federation	69 (2.7) ▲
Lithuania	61 (2.4) ▲
Sweden	58 (2.7) ▲
Hungary	56 (2.3) ▲
New Zealand	55 (2.1)
Kazakhstan	54 (2.1)
Italy	54 (2.4)
Denmark	54 (2.4)
Czech Republic	53 (2.4)
Croatia	53 (3.1)
International Average	**52 (0.5)**
Norway (5)	49 (2.5)
Malta	48 (2.8)
Slovak Republic	48 (2.7)
Germany	46 (2.0) ▼
Belgium (Flemish)	43 (3.0) ▼
United Arab Emirates	42 (0.8) ▼
Qatar	41 (2.3) ▼
Slovenia	41 (2.5) ▼
Israel	41 (2.3) ▼
Spain	39 (1.8) ▼
Portugal	38 (2.0) ▼
Saudi Arabia	36 (3.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	74 (1.8) ▲
Dubai, UAE	57 (1.1) ▲
Quebec, Canada	57 (2.3) ▲
Alberta, Canada	54 (3.0)
British Columbia, Canada	53 (2.1)
Newfoundland & Labrador, Can.	52 (2.8)
Abu Dhabi, UAE	31 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V17 (Voyages of Discovery): Statements about ISS? (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	25 (1.6) ▲	59 (1.4) ▲
Croatia	24 (3.5) ▲	65 (2.7) ▲
Sweden	22 (2.3) ▲	52 (2.9)
Hungary	22 (1.8) ▲	55 (2.4) ▲
Denmark	20 (1.8)	52 (2.2)
Spain	19 (1.3)	59 (1.9) ▲
Norway (5)	19 (1.7)	56 (2.2) ▲
Italy	19 (1.6)	57 (2.2) ▲
Malta	19 (2.1)	48 (2.6)
Slovak Republic	19 (1.9)	51 (2.5)
Finland	18 (1.3)	53 (1.9) ▲
Portugal	18 (1.6)	57 (2.2) ▲
Russian Federation	17 (1.9)	51 (2.9)
International Average	**17 (0.3)**	**49 (0.4)**
Slovenia	16 (1.7)	51 (2.3)
United Arab Emirates	16 (0.8)	47 (0.8) ▼
Czech Republic	16 (1.6)	49 (2.1)
Chinese Taipei	15 (1.3)	52 (2.1)
Lithuania	15 (1.6)	55 (2.1) ▲
Israel	14 (1.4) ▼	47 (1.9)
Germany	12 (1.5) ▼	43 (2.0) ▼
New Zealand	12 (1.3) ▼	40 (2.1) ▼
Kazakhstan	12 (1.0) ▼	38 (1.9) ▼
Saudi Arabia	11 (1.7) ▼	27 (2.7) ▼
Belgium (Flemish)	9 (1.4) ▼	44 (2.9)
Qatar	9 (0.9) ▼	29 (1.4) ▼
Benchmarking Participants		
Dubai, UAE	25 (1.7) ▲	59 (1.4) ▲
Moscow City, Russian Fed.	21 (1.5) ▲	66 (2.0) ▲
British Columbia, Canada	21 (1.7) ▲	39 (2.2) ▼
Alberta, Canada	17 (2.4)	44 (3.0)
Quebec, Canada	15 (1.3)	54 (2.2)
Newfoundland & Labrador, Can.	14 (2.5)	34 (2.6) ▼
Abu Dhabi, UAE	12 (0.9) ▼	38 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V17A (Voyages of Discovery): ISS (built in less than a year)
Multiple Choice (Key is B)

Country	Percent Full Credit
Spain	91 (1.1) ▲
Denmark	91 (1.6) ▲
Sweden	90 (1.7) ▲
Malta	90 (1.7) ▲
Singapore	90 (0.9) ▲
Croatia	89 (1.8)
Norway (5)	89 (1.3) ▲
Italy	88 (1.4)
Chinese Taipei	88 (1.4)
Russian Federation	88 (1.8)
Slovak Republic	86 (1.9)
Lithuania	86 (1.4)
International Average	**85 (0.3)**
Finland	85 (1.2)
Czech Republic	85 (1.6)
Germany	85 (1.3)
Portugal	85 (1.7)
New Zealand	84 (1.4)
Belgium (Flemish)	83 (1.8)
Qatar	83 (1.6)
Israel	83 (1.7)
United Arab Emirates	81 (0.9) ▼
Hungary	81 (2.1) ▼
Slovenia	81 (1.8) ▼
Kazakhstan	78 (1.9) ▼
Saudi Arabia	76 (2.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	94 (0.9) ▲
British Columbia, Canada	91 (1.1) ▲
Alberta, Canada	88 (1.9)
Dubai, UAE	88 (1.1)
Newfoundland & Labrador, Can.	87 (1.7)
Quebec, Canada	87 (1.5)
Abu Dhabi, UAE	78 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V17B (Voyages of Discovery): ISS (international cooperation)
Multiple Choice (Key is A)

Country	Percent Full Credit
Croatia	75 (2.3) ▲
Norway (5)	73 (2.0) ▲
Spain	72 (1.6) ▲
Singapore	70 (1.4) ▲
Denmark	70 (2.0) ▲
Portugal	67 (2.1) ▲
Sweden	65 (2.5)
Chinese Taipei	65 (1.9)
Slovak Republic	64 (2.6)
Israel	64 (2.4)
Hungary	64 (1.8)
Finland	64 (1.8)
Slovenia	63 (2.2)
Germany	62 (1.9)
International Average	**62 (0.4)**
Italy	60 (2.4)
United Arab Emirates	60 (1.0)
Lithuania	59 (2.0)
Malta	58 (2.8)
Czech Republic	58 (2.0) ▼
Russian Federation	57 (2.5) ▼
Belgium (Flemish)	54 (2.9) ▼
Saudi Arabia	50 (3.2) ▼
Qatar	50 (1.7) ▼
New Zealand	48 (2.1) ▼
Kazakhstan	47 (1.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (1.8) ▲
Dubai, UAE	66 (1.9) ▲
Abu Dhabi, UAE	56 (1.7) ▼
Alberta, Canada	56 (3.4)
Quebec, Canada	56 (2.4) ▼
British Columbia, Canada	55 (2.5) ▼
Newfoundland & Labrador, Can.	48 (4.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V17D (Voyages of Discovery): ISS (astronauts study resources and climate)
Multiple Choice (Key is A)

Country	Percent Full Credit
Portugal	60 (2.3) ▲
Norway (5)	57 (2.2) ▲
Finland	56 (1.9) ▲
Slovak Republic	56 (2.2) ▲
Singapore	56 (1.5) ▲
Lithuania	55 (2.2) ▲
Italy	55 (2.2) ▲
Croatia	54 (3.1)
Spain	54 (1.8) ▲
Russian Federation	53 (2.3)
Sweden	52 (2.7)
Hungary	52 (2.5)
Belgium (Flemish)	50 (2.6)
International Average	**49 (0.4)**
Denmark	49 (2.4)
Chinese Taipei	48 (1.9)
United Arab Emirates	47 (0.8) ▼
Czech Republic	47 (2.4)
Malta	47 (2.3)
Israel	47 (2.0)
Slovenia	47 (2.4)
Kazakhstan	44 (2.0) ▼
New Zealand	42 (2.0) ▼
Germany	41 (2.0) ▼
Saudi Arabia	35 (3.0) ▼
Qatar	33 (1.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	61 (2.0) ▲
Quebec, Canada	55 (2.0) ▲
Dubai, UAE	55 (1.5) ▲
Alberta, Canada	45 (2.8)
Abu Dhabi, UAE	40 (1.4) ▼
British Columbia, Canada	40 (2.2) ▼
Newfoundland & Labrador, Can.	35 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V17E (Voyages of Discovery): ISS (working on future voyages in deep space)
Multiple Choice (Key is A)

Country	Percent Full Credit
Hungary	56 (2.2) ▲
Italy	56 (2.0) ▲
Croatia	55 (3.8) ▲
Singapore	53 (1.7) ▲
Lithuania	53 (1.9) ▲
Czech Republic	51 (2.2) ▲
Chinese Taipei	49 (2.1)
Slovenia	49 (2.4)
Malta	49 (2.4)
Spain	48 (1.9)
Sweden	47 (3.1)
Russian Federation	46 (2.6)
United Arab Emirates	46 (0.8)
International Average	**46 (0.5)**
Finland	46 (1.8)
Kazakhstan	46 (1.6)
Portugal	44 (2.0)
Denmark	44 (2.6)
Israel	43 (2.0)
Belgium (Flemish)	42 (2.6)
Slovak Republic	41 (2.6)
Germany	40 (1.9) ▼
New Zealand	38 (2.4) ▼
Qatar	38 (2.1) ▼
Norway (5)	37 (2.1) ▼
Saudi Arabia	30 (3.0) ▼
Benchmarking Participants	
Dubai, UAE	58 (1.5) ▲
Moscow City, Russian Fed.	55 (2.0) ▲
Quebec, Canada	50 (2.3)
British Columbia, Canada	46 (2.5)
Alberta, Canada	46 (3.0)
Abu Dhabi, UAE	42 (1.2) ▼
Newfoundland & Labrador, Can.	40 (3.0)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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E051V18 (Voyages of Discovery): Voyages give people new information (DERIVED)
Constructed Response (1 Point)

Country	Percent Full Credit
Sweden	50 (2.6) ▲
Denmark	49 (2.5) ▲
Russian Federation	48 (2.7) ▲
Croatia	46 (3.2) ▲
Italy	45 (2.7) ▲
Singapore	41 (1.7) ▲
Finland	41 (2.2) ▲
Lithuania	39 (2.0) ▲
Chinese Taipei	39 (1.8) ▲
Portugal	38 (2.1)
Spain	37 (1.9)
Norway (5)	37 (2.4)
Czech Republic	37 (2.3)
International Average	**35 (0.4)**
Hungary	34 (2.2)
New Zealand	33 (2.0)
Slovak Republic	31 (2.0) ▼
Israel	29 (2.1) ▼
Germany	29 (1.8) ▼
Belgium (Flemish)	28 (2.5) ▼
Slovenia	27 (2.4) ▼
Malta	27 (2.3) ▼
United Arab Emirates	26 (0.6) ▼
Kazakhstan	22 (1.3) ▼
Qatar	21 (1.4) ▼
Saudi Arabia	13 (2.1) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	57 (2.0) ▲
Quebec, Canada	42 (2.3) ▲
British Columbia, Canada	40 (2.8)
Dubai, UAE	40 (1.3) ▲
Newfoundland & Labrador, Can.	38 (3.3)
Alberta, Canada	33 (2.9)
Abu Dhabi, UAE	19 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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E051V18A (Voyages of Discovery): Magellan; Darwin; Space (atmosphere is fragile)
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	86 (2.1) ▲
Italy	86 (1.6) ▲
Sweden	85 (1.8) ▲
Singapore	85 (1.2) ▲
Finland	84 (1.6) ▲
Spain	82 (1.9) ▲
Denmark	81 (2.0) ▲
Chinese Taipei	81 (1.3) ▲
Portugal	80 (1.8) ▲
Croatia	78 (2.5)
New Zealand	77 (1.7)
Lithuania	77 (1.8)
International Average	**76 (0.4)**
Germany	76 (1.8)
Slovak Republic	75 (2.2)
Czech Republic	75 (2.1)
Norway (5)	75 (1.9)
Malta	74 (2.1)
Hungary	74 (1.9)
Kazakhstan	72 (1.6) ▼
Slovenia	70 (2.7) ▼
Israel	69 (2.0) ▼
Belgium (Flemish)	69 (2.3) ▼
United Arab Emirates	69 (1.1) ▼
Qatar	65 (2.2) ▼
Saudi Arabia	56 (2.9) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.0) ▲
British Columbia, Canada	85 (1.5) ▲
Quebec, Canada	82 (1.7) ▲
Dubai, UAE	80 (1.1) ▲
Alberta, Canada	80 (2.4)
Newfoundland & Labrador, Can.	77 (2.9)
Abu Dhabi, UAE	58 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
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E051V18B (Voyages of Discovery): Magellan; Darwin; Space (world was bigger)
Multiple Choice (Key is A)

Country	Percent Full Credit
Sweden	62 (2.3) ▲
Denmark	62 (2.4) ▲
Croatia	61 (2.9) ▲
Italy	59 (2.7) ▲
Russian Federation	58 (2.7) ▲
Finland	56 (2.0) ▲
Portugal	55 (2.5)
Lithuania	53 (2.0)
Norway (5)	53 (2.3)
Czech Republic	52 (2.3)
Singapore	52 (1.6)
Chinese Taipei	52 (2.1)
Slovenia	52 (2.3)
International Average	**50 (0.5)**
New Zealand	49 (1.9)
Belgium (Flemish)	49 (2.4)
Slovak Republic	49 (2.2)
Spain	49 (2.0)
Israel	47 (2.4)
Hungary	46 (2.4)
Germany	44 (1.8) ▼
United Arab Emirates	44 (0.8) ▼
Qatar	42 (2.0) ▼
Malta	40 (2.7) ▼
Kazakhstan	39 (1.7) ▼
Saudi Arabia	38 (3.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	67 (1.9) ▲
Quebec, Canada	58 (2.1) ▲
British Columbia, Canada	55 (2.8)
Dubai, UAE	55 (1.5) ▲
Newfoundland & Labrador, Can.	54 (3.3)
Alberta, Canada	45 (3.2)
Abu Dhabi, UAE	40 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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E051V18C (Voyages of Discovery): Magellan; Darwin; Space (South America)
Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	80 (1.9) ▲
Croatia	79 (2.4) ▲
Italy	77 (2.3) ▲
Russian Federation	75 (2.6) ▲
Norway (5)	75 (2.2) ▲
Sweden	75 (2.3) ▲
Finland	74 (1.7) ▲
Singapore	74 (1.3) ▲
Lithuania	73 (2.0) ▲
Czech Republic	72 (1.9) ▲
Slovak Republic	72 (2.4)
Hungary	71 (2.0)
Portugal	70 (1.9)
New Zealand	69 (2.3)
International Average	**68 (0.5)**
Germany	67 (1.9)
Chinese Taipei	66 (2.0)
Spain	65 (2.1)
Malta	63 (3.2)
Belgium (Flemish)	62 (2.7) ▼
Israel	61 (2.2) ▼
Slovenia	60 (3.0) ▼
Kazakhstan	59 (1.8) ▼
United Arab Emirates	59 (0.7) ▼
Qatar	54 (2.8) ▼
Saudi Arabia	48 (3.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	80 (1.4) ▲
Alberta, Canada	74 (3.3)
Quebec, Canada	73 (2.1) ▲
Newfoundland & Labrador, Can.	73 (2.9)
British Columbia, Canada	72 (2.8)
Dubai, UAE	69 (1.1)
Abu Dhabi, UAE	57 (1.3) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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▼ Percent significantly lower than international average
( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

E051V18D (Voyages of Discovery): Magellan; Darwin; Space (Small part of universe)
Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	88 (1.7) ▲
Denmark	84 (1.8) ▲
Sweden	84 (1.9) ▲
Czech Republic	82 (2.0) ▲
Singapore	82 (1.2) ▲
Croatia	82 (2.3) ▲
Italy	81 (2.0) ▲
Spain	80 (1.6) ▲
Norway (5)	79 (2.1)
New Zealand	79 (1.9)
Chinese Taipei	78 (1.5)
Slovenia	77 (2.6)
Malta	77 (2.2)
Hungary	77 (1.5)
Lithuania	77 (2.0)
International Average	**76 (0.4)**
Finland	76 (1.7)
Portugal	74 (1.9)
Germany	74 (1.9)
Belgium (Flemish)	73 (2.9)
Israel	68 (2.2) ▼
Kazakhstan	68 (1.8) ▼
United Arab Emirates	67 (0.9) ▼
Slovak Republic	66 (2.8) ▼
Qatar	63 (2.6) ▼
Saudi Arabia	56 (2.8) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.2) ▲
British Columbia, Canada	83 (1.8) ▲
Alberta, Canada	82 (1.8) ▲
Newfoundland & Labrador, Can.	81 (2.5)
Quebec, Canada	80 (1.8) ▲
Dubai, UAE	76 (1.1)
Abu Dhabi, UAE	62 (1.6) ▼

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E051V19A (Voyages of Discovery): Similarity between voyages
Constructed Response (1 Point)

Country	Percent Full Credit
Italy	25 (2.2) ▲
Singapore	21 (1.4) ▲
Sweden	21 (2.5) ▲
Slovak Republic	20 (2.5) ▲
Spain	19 (2.2)
Portugal	18 (1.8) ▲
Denmark	18 (1.9)
Croatia	18 (2.2)
Czech Republic	16 (1.8)
Israel	16 (1.9)
Malta	16 (2.1)
Russian Federation	15 (1.6)
Belgium (Flemish)	15 (2.5)
International Average	**15 (0.4)**
Qatar	14 (2.0)
Norway (5)	14 (2.0)
Saudi Arabia	14 (2.5)
United Arab Emirates	12 (0.7) ▼
Hungary	12 (1.6)
Chinese Taipei	12 (1.4) ▼
Lithuania	11 (1.5) ▼
Germany	10 (1.2) ▼
Finland	8 (1.1) ▼
New Zealand	8 (1.2) ▼
Kazakhstan	7 (1.1) ▼
Slovenia	4 (1.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	27 (1.6) ▲
Dubai, UAE	20 (1.4) ▲
Quebec, Canada	16 (1.4)
British Columbia, Canada	13 (1.3)
Alberta, Canada	12 (1.7)
Newfoundland & Labrador, Can.	10 (2.1) ▼
Abu Dhabi, UAE	7 (0.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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E051V20 (Voyages of Discovery): Voyages were most important in advancing knowledge
Constructed Response (1 Point)

Country	Percent Full Credit
Russian Federation	37 (2.3) ▲
Singapore	35 (1.5) ▲
Lithuania	30 (2.4) ▲
Hungary	30 (2.4) ▲
Croatia	30 (2.4) ▲
Malta	29 (2.6) ▲
United Arab Emirates	28 (0.9) ▲
Chinese Taipei	28 (1.9) ▲
Denmark	27 (2.1)
Qatar	26 (2.8)
Italy	26 (2.0)
Israel	25 (2.1)
New Zealand	25 (1.9)
Czech Republic	24 (1.8)
International Average	**24 (0.4)**
Portugal	23 (1.9)
Saudi Arabia	21 (2.7)
Spain	21 (1.8)
Germany	20 (1.8) ▼
Sweden	20 (1.9) ▼
Finland	20 (1.7) ▼
Slovak Republic	18 (1.7) ▼
Norway (5)	18 (1.7) ▼
Kazakhstan	15 (1.2) ▼
Belgium (Flemish)	14 (1.9) ▼
Slovenia	10 (1.4) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	44 (2.1) ▲
Dubai, UAE	38 (1.5) ▲
Quebec, Canada	26 (1.8)
Alberta, Canada	24 (2.0)
British Columbia, Canada	23 (2.1)
Abu Dhabi, UAE	21 (1.2) ▼
Newfoundland & Labrador, Can.	20 (2.6)

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

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