

Exhibit 5.4: Could Do Early Literacy Tasks When Beginning Primary School

Students' Results based on Parents' Reports

Assessed Fourth Grade Students at the End of the School Year

☒ Assessed one year later than originally scheduled

☐ Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade

Country	Very Well		Moderately Well		Not Well		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Ireland	60 (1.0)	602 (2.5)	30 (0.8)	561 (3.6)	10 (0.6)	521 (5.3)	11.9 (0.04)
United Arab Emirates	56 (0.7)	523 (2.3)	31 (0.5)	482 (3.1)	13 (0.4)	440 (4.5)	11.7 (0.03)
Bahrain	54 (0.8)	484 (3.0)	31 (0.7)	452 (3.7)	15 (0.5)	402 (7.1)	11.5 (0.03)
Oman	53 (1.0)	457 (3.7)	34 (0.8)	413 (5.1)	13 (0.7)	370 (6.4)	11.5 (0.04)
Singapore	52 (1.1)	619 (2.3)	37 (0.8)	575 (3.5)	11 (0.6)	514 (5.7)	11.7 (0.04)
Uzbekistan	51 (1.3)	451 (2.9)	35 (0.9)	427 (3.6)	14 (0.9)	415 (5.1)	11.4 (0.06)
Qatar	50 (1.3)	513 (5.1)	35 (1.0)	489 (4.8)	15 (0.8)	451 (7.4)	11.4 (0.05)
Kazakhstan	49 (1.0)	514 (3.2)	34 (0.7)	501 (3.1)	17 (0.7)	492 (4.6)	11.3 (0.04)
Saudi Arabia	48 (1.0)	464 (4.0)	34 (1.0)	449 (4.3)	18 (0.8)	439 (5.3)	11.3 (0.04)
Poland	47 (1.0)	570 (2.4)	35 (1.1)	541 (2.9)	17 (0.9)	518 (4.9)	11.3 (0.03)
Albania	47 (1.7)	532 (3.2)	33 (1.2)	503 (4.3)	20 (1.6)	491 (6.1)	11.1 (0.08)
Hong Kong SAR	46 (1.1)	596 (2.5)	43 (0.9)	565 (2.8)	11 (0.6)	525 (5.2)	11.4 (0.04)
Croatia	44 (1.2)	580 (2.6)	37 (1.2)	546 (3.0)	18 (1.0)	528 (3.6)	11.1 (0.04)
Spain	43 (0.9)	547 (2.4)	37 (0.8)	515 (2.6)	20 (0.9)	485 (2.9)	11.1 (0.04)
Jordan	42 (1.3)	417 (5.4)	36 (1.1)	370 (6.2)	23 (1.2)	337 (8.6)	11.0 (0.07)
Latvia	41 (1.1)	562 (2.7)	39 (1.1)	520 (3.7)	20 (0.9)	483 (5.6)	11.1 (0.04)
Kosovo	41 (1.2)	434 (3.3)	39 (1.1)	420 (4.1)	19 (0.9)	406 (4.8)	11.1 (0.05)
Egypt	38 (1.7)	402 (5.5)	40 (1.4)	374 (6.1)	22 (1.4)	359 (8.6)	10.8 (0.07)
Israel	35 (1.1)	521 (3.9)	34 (0.8)	513 (3.6)	30 (1.0)	510 (3.7)	10.6 (0.05)
Serbia	35 (1.1)	539 (3.6)	41 (1.0)	508 (3.2)	24 (1.1)	492 (4.3)	10.7 (0.05)
South Africa	33 (0.9)	329 (6.0)	40 (0.8)	304 (5.9)	27 (0.8)	248 (5.8)	10.7 (0.04)
Cyprus	32 (0.6)	537 (3.3)	35 (0.6)	511 (2.8)	33 (0.7)	496 (4.0)	10.5 (0.03)
Azerbaijan	32 (1.1)	466 (4.5)	36 (1.0)	444 (4.9)	32 (1.2)	418 (4.7)	10.4 (0.06)
Sweden	31 (1.0)	588 (3.7)	38 (0.9)	556 (3.5)	31 (1.2)	529 (3.5)	10.6 (0.05)
Chinese Taipei	31 (0.7)	570 (2.1)	50 (0.8)	543 (2.5)	19 (0.6)	508 (3.8)	10.9 (0.02)
Morocco	30 (1.3)	421 (6.1)	35 (1.3)	369 (4.6)	35 (1.8)	338 (6.7)	10.1 (0.12)
Denmark	28 (0.8)	572 (2.9)	41 (0.8)	541 (2.6)	31 (0.8)	514 (2.9)	10.5 (0.03)
Russian Federation	28 (1.3)	594 (3.4)	37 (1.1)	569 (4.7)	35 (1.8)	545 (4.9)	10.3 (0.09)
Finland	28 (0.6)	587 (2.5)	29 (0.7)	553 (2.9)	44 (0.8)	530 (2.6)	10.2 (0.03)
North Macedonia	28 (1.1)	453 (7.1)	38 (1.3)	452 (5.5)	34 (1.3)	434 (6.0)	10.3 (0.06)
Malta	27 (1.0)	548 (4.1)	39 (1.0)	526 (3.7)	34 (1.2)	502 (3.4)	10.3 (0.05)
Georgia	26 (1.1)	513 (3.5)	31 (0.8)	499 (3.0)	43 (1.3)	488 (3.4)	9.9 (0.06)
Bulgaria	25 (0.9)	574 (4.3)	33 (1.1)	557 (3.4)	42 (1.4)	509 (4.3)	9.9 (0.09)
Iran, Islamic Rep. of	25 (1.0)	435 (5.4)	35 (1.0)	411 (5.1)	40 (1.2)	403 (6.7)	10.0 (0.06)
Brazil	24 (1.0)	475 (7.1)	34 (1.0)	441 (5.9)	42 (1.0)	385 (7.6)	10.0 (0.05)
Montenegro	23 (0.7)	512 (2.7)	38 (0.7)	490 (2.5)	39 (0.8)	473 (2.3)	10.0 (0.03)
Macao SAR	23 (0.6)	565 (2.3)	53 (0.7)	538 (1.6)	24 (0.6)	503 (2.3)	10.5 (0.02)
Turkiye	22 (1.2)	521 (3.5)	24 (1.1)	501 (3.8)	54 (1.8)	488 (5.1)	9.2 (0.13)
France	22 (0.8)	539 (3.6)	43 (0.8)	520 (2.8)	35 (0.8)	504 (3.2)	10.2 (0.03)
Czech Republic	19 (0.8)	567 (3.1)	33 (0.8)	540 (2.9)	48 (0.9)	540 (2.8)	9.7 (0.04)
Portugal	14 (0.7)	546 (3.3)	35 (0.7)	524 (2.1)	51 (0.8)	513 (2.6)	9.6 (0.03)
Slovenia	14 (0.6)	561 (2.9)	26 (0.8)	531 (2.9)	61 (0.8)	512 (2.2)	9.1 (0.04)
Italy	13 (0.5)	559 (3.2)	35 (0.8)	540 (2.7)	52 (0.9)	534 (2.5)	9.5 (0.03)
Austria	13 (0.6)	541 (5.6)	26 (0.9)	529 (2.9)	62 (0.9)	533 (2.2)	9.2 (0.04)
Norway (5)	12 (0.5)	577 (4.3)	29 (0.8)	553 (2.6)	59 (0.8)	531 (2.2)	9.3 (0.03)
Belgium (French)	11 (0.6)	516 (4.4)	34 (1.0)	501 (3.2)	55 (1.2)	494 (3.6)	9.4 (0.04)
Slovak Republic	10 (0.8)	549 (11.4)	19 (0.8)	537 (4.0)	71 (1.0)	529 (2.8)	8.7 (0.06)
Belgium (Flemish)	10 (0.4)	519 (4.8)	29 (0.8)	512 (3.2)	61 (0.8)	516 (2.3)	9.1 (0.04)
Germany	9 (0.6)	556 (6.5)	24 (0.9)	539 (3.9)	67 (1.1)	538 (2.9)	9.0 (0.04)
Hungary	9 (0.5)	571 (7.2)	16 (0.7)	544 (5.7)	75 (0.8)	542 (3.4)	8.1 (0.04)
International Average	32 (0.1)	524 (0.6)	35 (0.1)	498 (0.5)	34 (0.1)	475 (0.7)	
New Zealand	23 (1.1)	561 (5.3)	34 (1.1)	546 (5.0)	43 (1.0)	529 (4.2)	10.0 (0.05)
Netherlands	12 (0.9)	569 (5.2)	33 (1.6)	547 (3.6)	54 (1.8)	533 (3.6)	9.5 (0.06)
Lithuania	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--
England	--	--	--	--	--	--	--
Northern Ireland	--	--	--	--	--	--	--
United States	--	--	--	--	--	--	--
Benchmarking Participants							
Abu Dhabi, UAE	53 (1.1)	497 (3.7)	33 (0.9)	447 (6.1)	14 (0.6)	399 (7.2)	11.6 (0.04)
Newfoundland & Labrador, Canada	43 (1.8)	561 (4.0)	39 (1.7)	526 (4.4)	18 (0.9)	487 (7.9)	11.2 (0.05)
Moscow City, Russian Federation	39 (1.0)	621 (2.3)	41 (0.8)	594 (2.2)	21 (0.7)	566 (2.6)	11.0 (0.04)
South Africa (6)	37 (1.2)	414 (5.6)	41 (0.9)	392 (5.3)	22 (0.9)	356 (6.3)	10.9 (0.05)
British Columbia, Canada	36 (1.5)	582 (4.6)	40 (1.1)	553 (3.9)	24 (1.3)	520 (5.2)	10.9 (0.06)
Alberta, Canada	33 (1.5)	582 (4.0)	40 (1.6)	553 (4.1)	27 (1.3)	537 (5.3)	10.7 (0.05)
Quebec, Canada	21 (1.1)	580 (4.0)	40 (1.2)	561 (3.3)	39 (1.3)	548 (3.9)	10.1 (0.05)
Dubai, UAE	56 (0.9)	581 (2.8)	33 (1.0)	551 (3.0)	12 (0.7)	532 (5.6)	11.7 (0.04)

This PIRLS context questionnaire scale was established in 2011 based on the combined response distribution of countries that participated in PIRLS 2011. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

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

An "r" indicates data are available for at least 70% but less than 85% of the students.

An "s" indicates data are available for at least 50% but less than 70% of the students.

An "x" indicates data are available for at least 40% but less than 50% of the students—interpret with caution.

A "y" indicates data are available for less than 40% of the students.

A dash (-) indicates comparable data not available.

Exhibit 5.4: Could Do Early Literacy Tasks When Beginning Primary School

Students' Results based on Parents' Reports

About the Scale

Students were scored according to their parents' reports regarding how well their children could do the six tasks on the *Early Literacy Tasks* scale when they began primary school. Cut scores divide the scale into three categories. Students who could do the tasks **Very Well** had a score at or above the cut score corresponding to their parents reporting the students could do three of the six tasks "very well" and the other three "moderately well," on average. Students who could do the tasks **Not Well** had a score at or below the cut score corresponding to their parents reporting the students could do three of the six tasks "not very well" and the other three "moderately well," on average. All other students could do the early literacy tasks **Moderately Well** when they began primary school.

