

## Appendix 14C: PIRLS 2021 Scale Anchoring – Informational Item Descriptions

### Informational Items at Low International Benchmark (400)

#### *The Amazing Octopus*

Z\_02 Retrieve and reproduce an explicitly stated detail

Z\_06 Locate and reproduce 1 (of 2) actions

#### *Hungry Plant*

H\_01 Retrieve and reproduce an explicitly stated detail from the beginning of the text

H\_02 Retrieve and recognize an explicitly stated detail from the beginning of the text

H\_04 Make a straightforward inference about the relationship between two actions

H\_05 Retrieve and recognize an explicitly stated detail

#### *Training a Deaf Polar Bear*

P\_03 Identify and reproduce essential information from the beginning of the text

#### *How Did We Learn to Fly?*

E\_01 Locate and reproduce explicitly stated information from the beginning of the text

E\_12 Retrieve and reproduce an explicitly stated detail

#### *Sharks*

K\_01 Retrieve and reproduce 1 (of 2) piece of explicitly stated information when directed to the beginning of the text

#### *Icelandic Horses*

I\_01 Locate explicitly stated information at the beginning of the text

#### *Where's the Honey?*

W\_01 Retrieve and reproduce 1 (of 2) piece of information from the beginning of the text

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***Voyages of Discovery***

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V\_13 Retrieve and reproduce explicitly stated information

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***Oceans***

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O\_13 Make a straightforward inference to provide 1 (of 2) reasons

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***The Legend of Troy***

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T\_02 Make a straightforward inference about a reason

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***Rainforests***

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R\_02 Retrieve and reproduce explicitly stated information

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**Informational Items at Intermediate International Benchmark (475)**

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***The Amazing Octopus***

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Z\_06 Locate and reproduce 2 actions

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Z\_07 Make a straightforward inference to describe an action

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Z\_11 Retrieve and reproduce an explicitly stated detail

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Z\_12 Make a straightforward inference to provide 1 (of 2) actions

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Z\_13 Recognize a straightforward inference about an action

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Z\_14 Interpret and integrate information to provide 2 (of 3) examples of a central idea

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***Hungry Plant***

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H\_06 Retrieve and reproduce an explicitly stated detail

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H\_08 Make a straightforward inference to recognize an explanation

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H\_09 Retrieve and recognize an explicitly stated detail

---

H\_12 Make a straightforward inference about an expectation

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H\_14 Retrieve and reproduce an explicitly stated detail

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H\_16 Interpret the whole text to recognize the reason for its title

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***Training a Deaf Polar Bear***

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- |      |   |
|------|---|
| P_02 | Interpret the effect of the author's word choice                            |
| P_04 | Retrieve and reproduce an explicitly stated detail                          |
| P_05 | Locate and infer an explanation from explicitly stated information          |
| P_06 | Retrieve and reproduce explicitly stated information                        |
| P_08 | Retrieve and recognize an explicitly stated detail                          |
| P_10 | Locate and integrate information to recognize the significance of an action |
| P_13 | Retrieve and reproduce an explicitly stated detail                          |

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***Marie Curie Prize-Winning Scientist***

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|------|---|
| C_02 | Retrieve and recognize an explicitly stated detail from a timeline                    |
| C_04 | Recognize explicitly stated information about the central character                   |
| C_05 | Make a straightforward inference to provide 1 (of 2) reasons for a situation          |
| C_07 | Locate explicitly stated information to recognize 2 correct facts (from 4)            |
| C_09 | Recognize a straightforward inference about an event                                  |
| C_10 | Interpret and integrate information to provide 1 (of 2) of a character's achievements |

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***How Did We Learn to Fly?***

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|------|---|
| E_02 | Locate and reproduce explicitly stated information from the beginning of the text |
| E_03 | Make an inference to recognize the reason for a situation                         |
| E_05 | Retrieve and recognize an explicitly stated reason for an action                  |
| E_06 | Retrieve and recognize an explicitly stated detail                                |
| E_10 | Retrieve and reproduce an explicitly stated detail                                |
| E_11 | Make a straightforward inference to recognize an explanation                      |
| E_14 | Make a straightforward inference to provide 1 (of 2) comparison                   |
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E\_15 Retrieve and reproduce an explicitly stated detail

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**Sharks**

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K\_01 Retrieve and reproduce 2 pieces of explicitly stated information when directed to the beginning of the text

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K\_02 Locate and reproduce 3 pieces of explicitly stated information

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K\_12 Interpret and integrate information from across different sections to partially complete a table (3/6 entries)

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**The World's Bank for Seeds**

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N\_01 Locate and reproduce an explicit detail in the introductory paragraph

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N\_04 Make a straightforward inference to provide an explanation

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N\_07 Recognize the reason for a situation

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**Icelandic Horses**

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I\_04 Integrate information to provide 1 (of 2) geographic characteristic

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I\_08 Retrieve and recognize an explicitly stated definition

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**Where's the Honey?**

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W\_06 Locate and recognize an explicitly stated detail

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**Oceans**

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O\_02 Recognize a straightforward inference about a central idea

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O\_06 Recognize an explicitly stated detail embedded in the text

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O\_08 Locate and reproduce 1 (of 2) explicitly stated differences

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O\_08 Locate and reproduce 2 (of 2) explicitly stated differences

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O\_09 Retrieve and reproduce explicitly stated information

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O\_10 Make a straightforward inference from the text, map, and video to provide 1 (of 2) descriptions

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O\_14 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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**Zebra and Wildebeest Migration**

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Z\_02 Locate and reproduce 1 (of 2) explicitly stated similarity

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- 
- Z\_04 Locate and recognize a reason for an action
- 
- Z\_11 Locate and recognize an explicitly stated detail
- 
- Z\_13 Locate and recognize explicitly stated information embedded in continuous text
- 
- Z\_14 Make a straightforward inference to provide 1 (of 2) aspect of a situation
- 
- Z\_20 Integrate evidence from the text to match 3 (of 4) defense strategies with the animal(s) that uses it
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***The Legend of Troy***

- 
- T\_04 Interpret and integrate events to recognize the cause of an outcome
- 
- T\_12 Locate and recognize information from a map
- 
- T\_16 Retrieve explicitly stated information by navigating to a labeled section of an interactive diagram
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***Rainforests***

- 
- R\_03 Integrate information from a web page to recognize 3 (of 4) connections
- 
- R\_05 Evaluate the use of a map with interactive features to convey information
- 
- R\_06 Check the contents of 3 pop up boxes to locate and reproduce an explicitly stated detail
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**Informational Items at High International Benchmark (550)**

***The Amazing Octopus***

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- Z\_01 Make straightforward inferences to distinguish 3 correct facts (from 5)
- 
- Z\_03 Recognize the meaning of a figurative phrase
- 
- Z\_04 Recognize an explicitly stated detail
- 
- Z\_08 Recognize an explicitly stated detail
- 
- Z\_10 Retrieve and reproduce an explicitly stated detail
- 
- Z\_12 Make a straightforward inference to provide 2 actions
- 
- Z\_14 Interpret and integrate information to provide 3 examples of a central idea
- 
- Z\_15 Evaluate ideas and information to provide supporting evidence
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***Hungry Plant***

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H\_07 Make a straightforward inference about an explanation

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H\_10 Recognize the reason for an author's use of simile

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H\_11 Retrieve and reproduce an explicitly stated detail

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H\_13 Retrieve and recognize an explicitly stated detail

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***Training a Deaf Polar Bear***

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P\_01 Make a straightforward inference about the cause of a reaction

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P\_07 Make a straightforward inference to provide an explanation

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P\_09 Locate and recognize an explicitly stated detail

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P\_11 Locate and reproduce 1 (of 2) explicitly stated piece of information

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P\_11 Locate and reproduce 2 explicitly stated pieces of information

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P\_12 Retrieve and reproduce an explicitly stated detail

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P\_14 Integrate information to order a set of events

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***Marie Curie Prize-Winning Scientist***

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C\_05 Make a straightforward inference to provide 2 reasons for a situation

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C\_08 Recognize an explicitly stated detail

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C\_11 Recognize a straightforward inference about a character's actions

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C\_12 Make a straightforward inference about a character's contribution

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***How Did We Learn to Fly?***

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E\_04 Make a straightforward inference about an event

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E\_07 Locate and reproduce 1 (of 2) explicitly stated detail

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E\_07 Locate and reproduce 2 explicitly stated details

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E\_09 Evaluate how the use of an image conveys information

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E\_16 Integrate information across text to order a set of events

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E\_17 Integrate ideas across text to determine the main idea

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**Sharks**

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K\_03 Make straightforward inferences to recognize an explanation of a metaphor

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K\_05 Locate a text box with a heading and make a straightforward inference to provide an explanation

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K\_06 Locate a text box with a heading and make an inference to recognize the best explanation

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K\_07 Locate 1 (of 2) specified text box with a heading and make an interpretation to provide an explanation

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K\_09 Evaluate how the format and content of a diagram convey information

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K\_11 Locate and distinguish information from different sections of the text to make an inference

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K\_12 Interpret and integrate information across different sections to nearly complete a table (5 of 6 entries)

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**The World's Bank for Seeds**

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N\_08 Retrieve and recognize an explicitly stated detail

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N\_09 Make a straightforward inference to provide 1 (of 2) explanations

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N\_13 Evaluate information to provide one advantage and one disadvantage

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**Icelandic Horses**

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I\_03 Make a straightforward inference to provide 1 (of 2) explanation

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I\_05 Evaluate how the format of section headers conveys information

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I\_07 Interpret and integrate information to provide a causal explanation

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I\_09 Make a straightforward inference about the purpose of an action

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I\_10 Recognize the meaning conveyed by an image

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I\_11 Integrate information to provide a characteristic

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I\_13 Locate and reproduce an explicitly stated detail

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### ***Where's the Honey?***

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W\_01 Retrieve and reproduce 2 pieces of information from the beginning of the text

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W\_02 Locate and interpret 1 (of 2) beneficial action

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W\_04 Locate and reproduce 2 pieces of explicitly stated information from a text box

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W\_08 Make an inference to recognize the purpose for an action

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### ***Voyages of Discovery***

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V\_02 Recognize an explicitly stated detail

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V\_05 Recognize a straightforward inference to identify a reason

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V\_06 Evaluate content across multiple webpages to support a conclusion

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V\_07 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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V\_08 Recognize an explicitly stated reason

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V\_11 Recognize a straightforward inference about a central idea

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V\_14 Recognize explicitly stated information

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V\_15 Interpret and integrate information from two webpages to provide 1 (of 2) examples

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V\_16 Interpret and integrate information across webpages to provide an explanation

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V\_17 Interpret and integrate information on a webpage to distinguish 2 correct statements (from 5)

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### ***Oceans***

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O\_01 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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O\_03 Recognize a straightforward inference from the text and a map

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O\_04 Recognize a straightforward inference about a reason

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O\_05 Make a straightforward inference to provide a reason

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O\_07 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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O\_10 Make a straightforward inference from the text, map, and video to provide 2 descriptions

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O\_13 Make a straightforward inference to provide 2 reasons

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O\_18 Evaluate content across webpages to draw a conclusion and support it with 1 (of 2) reasons

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***Zebra and Wildebeest Migration***

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Z\_01 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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Z\_03 Evaluate the use of fact boxes containing both text and images to convey information

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Z\_05 Evaluate the use of an animated graphic to convey information

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Z\_06 Make a straightforward inference to provide a prediction

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Z\_07 Make a straightforward inference to recognize an action

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Z\_08 Locate and recognize an explicitly stated reason

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Z\_10 Evaluate the author's word choice to recognize its meaning

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Z\_12 Interpret and integrate visual and textual information across web pages to provide a contrast

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Z\_14 Make an inference to provide 2 contrasting aspects of a situation

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Z\_15 Locate and recognize an explicitly stated detail by navigating to a pop-up box

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Z\_17 Evaluate the substantive contribution of words relative to images across pages of a website

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Z\_18 Make an inference from a list of Internet search results to distinguish the most relevant website

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Z\_19 Interpret information to provide 1 (of 2) explanation

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***The Legend of Troy***

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T\_05 Interpret and integrate information from across a web page to provide contrasting views of an event

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T\_06 Make an inference to provide support for a claim

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T\_08 Make a straightforward inference to provide a comparison

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T\_10 Make a straightforward inference about a reason

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T\_11 Locate and recognize an explicitly stated detail

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T\_13 Interpret and integrate information to recognize how actions exemplify a principle

T\_15 Integrate information to recognize a fact

T\_17 Evaluate how the design of an interactive diagram supports content

### **Rainforests**

R\_07 Interpret and integrate information across a web page to recognize 3 (of 4) characteristics

R\_09 Integrate information to provide an explanation

R\_10 Retrieve an explicitly stated detail embedded in continuous text

R\_11 Make a straightforward inference to provide 1 (of 2) piece of supporting evidence

R\_12 Make a straightforward inference to recognize a reason

R\_13 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

R\_14 Evaluate content to draw a conclusion and support it with evidence

R\_15 Locate and reproduce 2 pieces of explicitly stated information

R\_16 Integrate information from multiple web pages to provide a causal outcome

### **Informational Items at Advanced International Benchmark (625)**

#### ***The Amazing Octopus***

Z\_05 Locate and reproduce explicitly stated information

Z\_09 Evaluate textual elements and content to support the writer's intent

#### ***Marie Curie Prize-Winning Scientist***

C\_03 Evaluate the benefits of using a timeline to convey information

C\_06 Make a straightforward inference to provide support for a statement

C\_10 Interpret and integrate information to provide 2 of a character's achievements

C\_13 Interpret and integrate information to provide one advantage and one disadvantage

C\_14 Interpret and integrate information across the text to explain how a character overcame at least one difficulty

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***How Did We Learn to Fly?***

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E\_08 Interpret and recognize the significance of an invention

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E\_13 Locate and reproduce 1 characteristic

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***Sharks***

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K\_07 Locate 2 specified text boxes with headings and make interpretations to provide an explanation for each

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K\_08 Distinguish relevant information to make an inference about a scientific explanation

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K\_10 Integrate information from 3 text boxes to provide a sequence, or use information from fewer text boxes with supporting explanation

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K\_12 Interpret and integrate information across different sections to fully complete a table (5 of 6 entries)

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***The World's Bank for Seeds***

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N\_02 Make straightforward inferences to distinguish 3 correct statements (from 5) about a location

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N\_03 Recognize the best reason underlying the author's intent

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N\_05 Make a straightforward inference to provide an explanation

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N\_06 Make straightforward inferences to distinguish 3 correct reasons (from 5) about a central idea

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N\_09 Make a straightforward inference to provide 2 explanations

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N\_11 Evaluate the benefit of using a diagram to convey information

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N\_12 Interpret and integrate across the text to provide additional information

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N\_14 Interpret and integrate information across the text to provide an explanation

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***Icelandic Horses***

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I\_02 Make an inference about the reason for an action

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I\_03 Make a straightforward inference to provide 2 explanations

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I\_04 Interpret and integrate information to provide 2 geographic characteristics

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I\_06 Make an inference about the reason for a situation

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I\_07 Interpret and integrate information to provide 2 causal explanations

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I\_12 Distinguish relevant information to recognize an explicitly stated reason

---

I\_14 Evaluate textual elements and content to show how they exemplify the writer's point of view

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I\_15 Interpret and integrate information to provide a causal explanation

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***Where's the Honey?***

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W\_02 Locate and interpret 2 mutually beneficial actions

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W\_03 Make a straightforward inference to recognize an explanation

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W\_05 Distinguish and recognize a paraphrase from the end of a specified text box

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W\_07 Locate information to connect 1 (of 3) action to its significance

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W\_07 Locate and integrate information to connect 2 actions (of 3) to their significance

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W\_07 Locate and integrate information to connect 3 actions to their significance in a sequence

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W\_09 Recognize the main message of a short narrative from a specified part of the text

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W\_10 Make an inference about the reason for an action

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W\_11 Locate and interpret relevant information in the context of the whole text

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W\_12 Locate and interpret information to recognize the reason for a situation

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W\_13 Evaluate ideas and information across the text to make a prediction

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***Voyages of Discovery***

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V\_01 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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V\_03 Interpret and Integrate information across the webpage to explain the writer's intent

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V\_09 Make straightforward inferences to distinguish 2 correct statements (from 5) about activities

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V\_10 Evaluate the writer's intent in using numbers in the text

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V\_12 Make an inference from a list of Internet search results to distinguish the most relevant website

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V\_15 Interpret and integrate information from two webpages to provide 2 examples

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V\_18 Integrate information from across three websites to match each of 4 pieces of information with its voyage

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**Oceans**

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O\_11 Interpret and integrate information to provide an explanation

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O\_16 Evaluate the writer's inclusion of a sentence to recognize its purpose

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O\_17 Make a straightforward inference to provide one example

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**Zebra and Wildebeest Migration**

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Z\_02 Integrate information from across a web page to compare 3 (of 4) actions

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Z\_09 Make a straightforward inference about the information provided in an animated graphic

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Z\_16 Integrate information by navigating to 2 pop-up boxes to compare and contrast actions

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Z\_19 Interpret information to provide 2 explanations

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Z\_20 Integrate information from across a web page to compare 4 actions

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**The Legend of Troy**

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T\_01 Make an inference from a list of Internet search results to distinguish the most relevant website

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T\_03 Evaluate the text to recognize how the author conveys meaning through repetition

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T\_09 Integrate information from the text to explain a phrase from the text

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T\_14 Evaluate language choices to show how they exemplify the writer's point of view

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T\_18 Integrate information from multiple web pages to order events chronologically

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**Rainforests**

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R\_01 Make a straightforward inference from a list of Internet search results to recognize the most relevant website

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R\_03 Integrate information from a web page to recognize 4 connections

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R\_04 Evaluate a web page to recognize why the title fits the content

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R\_07 Interpret and integrate information across a web page to recognize 4 characteristics

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R\_08 Evaluate the purpose of the structure of a visual display of information

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R\_11 Make a straightforward inference to provide 2 pieces of supporting evidence

**Informational Items Above the Advanced International Benchmark (625)**

***Marie Curie Prize-Winning Scientist***

C\_01 Make straightforward inferences to distinguish 3 correct statements (from 5) about why a historical person was important

C\_14 Interpret and integrate information across the text to explain how a character overcame two difficulties

C\_15 Evaluate a character's actions across the text to identify a central contribution and give supporting evidence

***Sharks***

K\_10 Integrate information from 3 text boxes with headings to provide a sequence with supporting explanation

***The World's Bank for Seeds***

N\_10 Integrate information across text and a diagram to order a set of events

N\_15 Explain how an example illustrates the central idea of the article

***Icelandic Horses***

I\_11 Interpret and integrate information to identify a characteristic and link it to its effect

***Voyages of Discovery***

V\_04 Interpret and integrate visual and textual information to provide an explanation

V\_17 Interpret and integrate information on a webpage to distinguish 3 correct statements (from 5)

V\_19 Integrate information from multiple websites to provide a similarity

V\_20 Evaluate information across multiple websites to support a conclusion with evidence

***Oceans***

O\_12 Evaluate the use of an animated graphic to convey information

O\_15 Interpret and integrate information from the webpage to recognize the meaning of a phrase from the text

O\_18 Evaluate content across webpages to draw a conclusion and support it with 2 reasons