Exhibit 2.2: Low International Benchmark (400)

Exhibit 2.2 presents the description of ePIRLS students' achievement at the Low International Benchmark. Essentially, students could locate and reproduce information from webpages with a variety of dynamic and navigable features.

Exhibits 2.2.1 through 2.2.3 contain three example items. Each exhibit shows the webpage the item is based on together with the item. The exhibit shows the achievement results for the countries that participated in ePIRLS, with up and down arrows indicating a significantly higher or lower percentage of success than the international average. The reading comprehension process and scale anchoring description are provided above the item. For multiple-choice items, the correct response is indicated. Constructed response questions were worth 1, 2, or 3 points. Each constructed response item is shown with an illustrative student response and the amount of credit awarded the response is shown across the bottom of the exhibit, usually full credit.

Example Items 2.2.1 (multiple-choice) and 2.2.2 (constructed response) from the "Mars" task about space exploration show that students at the Low International Benchmark demonstrated that they could retrieve explicitly stated details from text and from a pop-up window. Students also were able to make an inference to select the correct search result to learn about Doctor Elizabeth Blackwell (Example Item 2.2.3).

Exhibit 2.2: ePIRLS 2016 Online Informational Reading at the Low International Benchmark (400)



Low International Benchmark

400

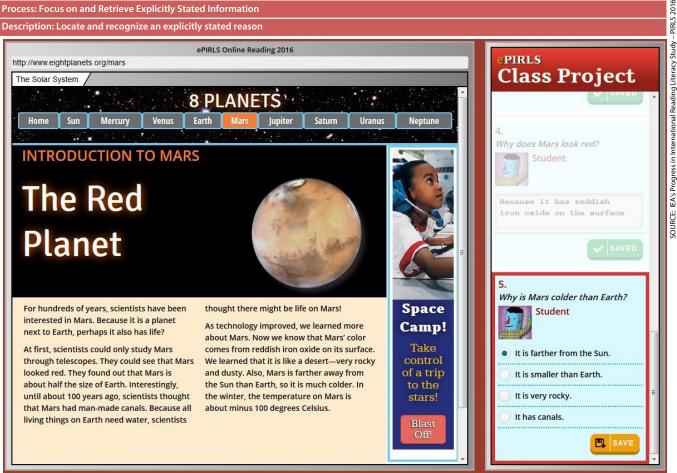
When reading and viewing relatively complex Online Informational Texts, students can:

- Locate and reproduce explicitly stated information from webpages that contain text and a variety of dynamic, navigable features (e.g., timelines, pop-up boxes)
- Begin to make straightforward inferences about descriptions



Exhibit 2.2.1: Low International Benchmark for ePIRLS Online Informational Reading -**Example Item 1**

Process: Focus on and Retrieve Explicitly Stated Information



Note: Results based on students who participated in both PIRLS and ePIRLS.

Country	Percent Correct
Norway (5)	94 (0.6)
Sweden	93 (0.8)
³ Singapore	93 (0.7)
Ireland	90 (1.1)
† United States	89 (1.1)
■ Denmark	89 (1.1)
Slovenia	88 (0.9)
^{1 2} Canada	88 (1.2)
³ Israel	87 (0.9)
International Avg.	87 (0.3)
² Portugal	85 (1.0)
Chinese Taipei	85 (1.0) 🐨
Italy	83 (1.0) 🐨
¹ Georgia	80 (1.5) 🐨
United Arab Emirates	76 (0.9) 🐨

Benchmarking Participants Dubai, UAE 86 (0.9) Abu Dhabi, UAE 69 (1.6) 🗨

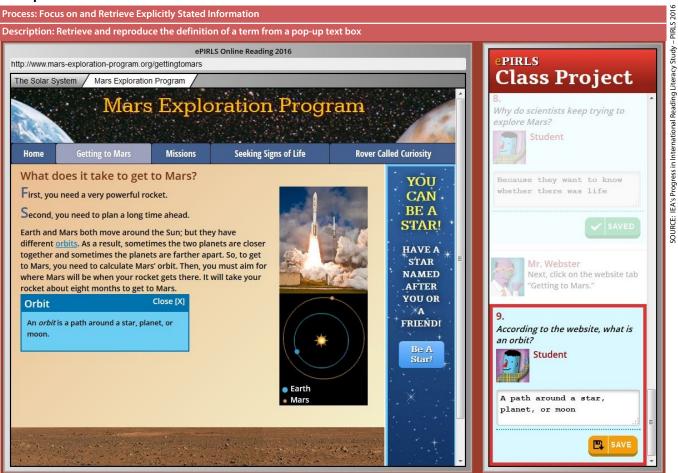
- Percent significantly higher than international average
- Percent significantly lower than international average

See Appendix B.1 for target population coverage notes 1, 2, and 3. See Appendix B.4 for sampling guidelines and sampling participation notes †, ‡, and ≡.

 $^{() \ \} Standard\ errors\ appear\ in\ parentheses.\ Because\ of\ rounding\ some\ results\ may\ appear\ inconsistent.$



Exhibit 2.2.2: Low International Benchmark for ePIRLS Online Informational Reading – Example Item 2



The answer shown illustrates the type of student response that would receive full credit (1 point).

Note: Results based on students who participated in both PIRLS and ePIRLS.

Country	Percent Full Cred	
³ Singapore	74 (1.1)	٥
Norway (5)	70 (1.5)	٥
Italy	68 (1.5)	٥
^{1 2} Canada	68 (1.5)	٥
Ireland	64 (1.9)	٥
† United States	63 (1.5)	٥
≡ Denmark	62 (1.9)	٥
International Avg.	57 (0.4)	
² Portugal	56 (1.7)	
Chinese Taipei	55 (1.3)	
Slovenia	53 (1.6)	◉
Sweden	49 (1.8)	♥
³ Israel	48 (1.3)	◉
United Arab Emirates	42 (0.9)	♥
¹ Georgia	28 (1.9)	♥
Benchmarking Participants	54 (0.5)	
Dubai, UAE	56 (0.9)	

Percent significantly higher than international average

Percent significantly lower than international average

See Appendix B.1 for target population coverage notes 1, 2, and 3. See Appendix B.4 for sampling guidelines and sampling participation notes †, ‡, and ≡.

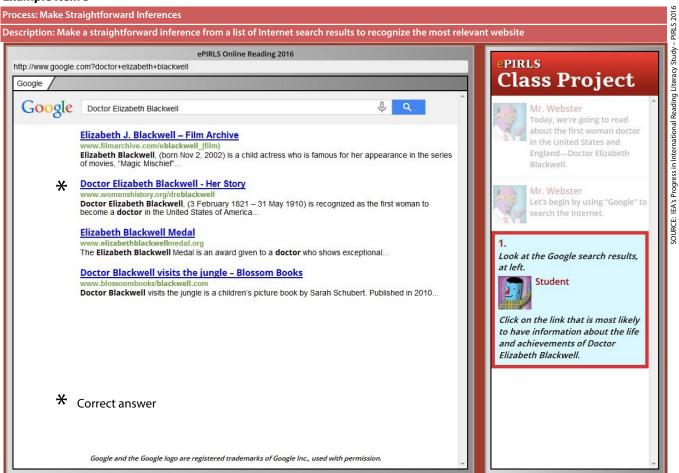
36 (1.7) ▼

Abu Dhabi, UAE

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



Exhibit 2.2.3: Low International Benchmark for ePIRLS Online Informational Reading – Example Item 3



Note: Results based on students who participated in both PIRLS and ePIRLS.

Country	Percent Correct	
Sweden	93 (0.9)	٥
■ Denmark	93 (1.1)	0
Norway (5)	88 (1.0)	٥
² Portugal	87 (0.9)	0
Italy	87 (0.9)	0
Ireland	83 (1.4)	
Chinese Taipei	83 (1.1)	
International Avg.	82 (0.3)	
^{1 2} Canada	81 (1.4)	
Slovenia	79 (1.3)	€
¹ Georgia	78 (1.5)	♥
† United States	78 (1.1)	€
³ Israel	76 (1.2)	♥
³ Singapore	73 (0.9)	€
United Arab Emirates	65 (0.8)	♥
Benchmarking Participants		
Dubai, UAE	73 (1.1)	€

Percent significantly higher than international average

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See Appendix B.1 for target population coverage notes 1, 2, and 3. See Appendix B.4 for sampling guidelines and sampling participation notes †, ‡, and ≡.

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

62 (1.7) 🐨



Abu Dhabi, UAE