

About ePIRLS 2016

Overview

The Internet has become the primary source for obtaining information at work, at home, and for school. Because Internet reading increasingly is becoming one of the central ways students are acquiring information, in 2016, PIRLS was extended to include ePIRLS—an innovative assessment of online reading. ePIRLS is a computer-based assessment that uses an engaging, simulated Internet environment to present fourth grade students with authentic school-like assignments involving science and social studies topics. For examples, see [Take the ePIRLS Assessment](#). An Internet browser window provides students with a website containing information about their assignments, and students navigate through pages with a variety of features, such as graphics, multiple tabs, links, pop-up windows, and animation. In an assessment window, a teacher avatar guides students through the ePIRLS assignments, prompting the students with questions about the online information.

Participating in PIRLS 2016 was a prerequisite for participating in ePIRLS, so that the countries and students participating in ePIRLS are subsets of those that participated in PIRLS 2016 (see [About PIRLS](#)). Like PIRLS 2016, the ePIRLS assessment was developed based on the [PIRLS 2016 Assessment Framework](#), used the same quality assurance procedures, and was given to the same students who participated in the PIRLS assessment typically on the next day. Thus, as an extension of PIRLS, ePIRLS results can be considered in the context of the PIRLS results, including comparative achievement on PIRLS and in relation to the PIRLS context questionnaire data.

TIMSS and PIRLS are directed by IEA's TIMSS & PIRLS International Study Center at Boston College in close cooperation with IEA Amsterdam, IEA Hamburg, and Statistics Canada. IEA is an independent international cooperative of national research institutions and government agencies that pioneered international assessments of student achievement in the 1960s to gain a deeper understanding of policy effects across countries' different systems. IEA has been conducting international assessments of reading literacy and the factors associated with proficient reading comprehension in countries around the world for about 60 years.

The ePIRLS Tasks

The ePIRLS assessment consisted of five tasks with each task lasting up to 40 minutes. Each student was asked to complete two of the tasks according to a specific rotation plan. The assessments were administered via computer (typically PCs) and students entered their answers by clicking on options or typing words.

Because the idea of ePIRLS is new, two of the tasks are available on the reports website—“Mars” and “Elizabeth Blackwell (the first woman doctor).” The [ePIRLS 2016 Example Tasks video](#) provides an overview of the two tasks, and [Take the ePIRLS Assessment](#) provides the two tasks in their entirety, so they can be viewed in the same way they were given to students. You can enter your answers and the scoring key is provided.

ePIRLS 2016 Results

The international results for ePIRLS are reported on the [reports website](#) and the results for PIRLS 2016 also can be accessed from here. The *ePIRLS 2016 International Results in Online Informational Reading* includes four chapters or sections providing numerous exhibits summarizing student achievement on ePIRLS compared to PIRLS overall and at the PIRLS 2016 International Benchmarks. Results also are presented in relation to students’ home and school contexts for learning to read online. The exhibits can be downloaded and printed from the [Download Center](#).

Exhibit 1: ePIRLS 2016 Countries

Exhibit 1 shows the ePIRLS 2016 countries and benchmarking participants, including 14 countries and 2 benchmarking entities.

ePIRLS
Online Reading
2016

4th Grade

Exhibit 1: Countries Participating in ePIRLS 2016

Canada	Norway (5)	Benchmarking Participants	
Chinese Taipei	Portugal		
Denmark	Singapore		
Georgia	Slovenia		
Ireland	Sweden		
Israel	United Arab Emirates		
Italy	United States		
			Abu Dhabi, UAE
			Dubai, UAE

Note: Norway chose to assess the fifth grade to obtain better comparisons with Sweden.

Exhibit 2: Percentages of Students Who Liked Working on the ePIRLS Tasks

Exhibit 2 shows the percentages of students who liked working on the ePIRLS tasks. In general, the students participating in ePIRLS liked working on the tasks (89% on average). The tasks were liked equally by girls and boys, with the exception of the Dr. Elizabeth Blackwell task (88% for girls and 78% for boys).

Exhibit 2: Percentages of Students Who Liked Working on the ePIRLS Tasks

Students' Reports

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

ePIRLS Task	Percent of Students Who Liked the Task A Lot or A Little		
	Overall	Girls	Boys
Mars	88 (0.3)	87 (0.4)	89 (0.3)
Rainforests	93 (0.2)	94 (0.3)	92 (0.3)
Dr. Elizabeth Blackwell	83 (0.3)	88 (0.4)	78 (0.5)
Zebra and Wildebeest Migration	92 (0.2)	93 (0.3)	92 (0.3)
The Legend of Troy	89 (0.3)	89 (0.3)	90 (0.3)
Average Percent	89 (0.1)	90 (0.2)	88 (0.2)

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

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

Example:

How much did you like working on the project about Mars?

I liked it a lot 

I liked it a little 

I didn't like it very much 

I didn't like it at all 

 SAVE