PIRLS 2021
20 Years of PIRLS

Transitioning to Digital Assessment

Ina V.S. Mullis and Michael O. Martin

IEA General Assembly
Astana, Kazakhstan

October 9-12, 2018
But first,

completing PIRLS 2016...
Joint IEA/UNESCO Release
UNESCO Paris
Try out ePIRLS for yourself - See How You Do!

- Two ePIRLS tasks
  - Mars and Blackwell
- Navigate through simulated webpages containing text, graphics, links, and pop-up windows to complete school-like assignments.
- Compare your answers to the scoring guide to see how you did!
PIRLS Evolves and Grows with Each Assessment

2001 Purposes for Reading (8 passages)

2006 Added comprehension processes (10 passages)

2011 Assessed with TIMSS – Reading, Math, Science same students; prePIRLS

2016 Integrated PIRLS/PIRLS Literacy (20 passages); ePIRLS (5 tasks)

2021 Transition to digitally based assessment, while retaining paper version
So Far, PIRLS 2021 off to Good Start

• More than 60 countries planning to participate

• Excellent RDG support
  - Australia – Julian Fraillon
  - Denmark – Jan Mejding
  - England – Liz Twist
  - France – Marc Colmant
  - Russian Federation – Galina Zukerman
  - Singapore – Elizabeth Pang
  - Spain – Veronica Diez Girado
  - Sweden – Jenny Wiksten Folkyrd
  - United Arab Emirates – Latifa Alfalasi
  - United States – Karen Wixon
PIRLS 2021 Completed

- Reading Framework updated based on RDG and NRC reviews
  - Clarified comprehension processes and updated references
  - Aligned with the PIRLS transition from paper to digital assessment
  - Recommended a broader range of text types for 2021
Designing the User Interface

- NRC review at 1st NRC meeting
- Intuitive interface – easy for students to use and understand
- Made demo of revised interface
- Positive comments from TEG, RDG, United States and New Zealand
- Good results from cognitive interviews
  - No difficulty scrolling through passages
  - Easy to move between passages and test questions
  - e.g., “I like how you can read the passage while you answer the questions”
LiveSlides web content

To view

Download the add-in.
liveslides.com/download

Start the presentation.
Preparation for Field Test
- digitalPIRLS
- paperPIRLS

- 12 passage/item sets required for field test
  - 6 literary, 6 informational

- 1\textsuperscript{st} NRC meeting - reviewed initial ideas (Feb., Hamburg)

- Passages to online discussion board for NRC review (Apr–Oct)

- 1\textsuperscript{st} RDG meeting - reviewed and revised early passages (May, Rotterdam)
Preparation for Field Test - Currently

• Developed storyboards for 12 passages
  – Liked by NRCs
  – Address assessment framework

• RDG reviewing the 12 passages

• Developing the digitalPIRLS eAssessment Builder – joint effort
  – TIMSS & PIRLS International Study Center
  – IEA Hamburg
Preparation for Field Test
- Next Steps

• Incorporate feedback from RDG review
  – RDG working group (Oct., Boston)

• Develop storyboards for 2 ePIRLS tasks
  – ePIRLS to be integrated into digitalPIRLS
  – Rotate ePIRLS tasks among digitalPIRLS passages in same testing sessions

• 2nd NRC meeting – review proposed passages and write items (Dec., Taipei City)
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