

PIRLS 2021

20 Years of PIRLS

Transitioning to Digital Assessment

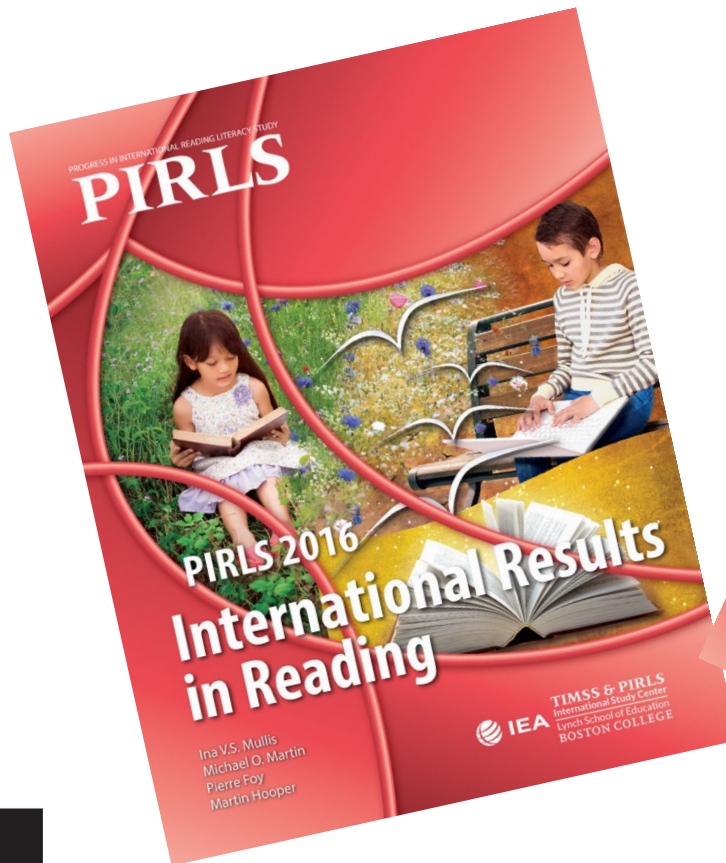
Ina V.S. Mullis and Michael O. Martin

IEA General Assembly
Astana, Kazakhstan

October 9-12, 2018

But first,

completing PIRLS 2016...



Joint IEA/UNESCO Release UNESCO Paris



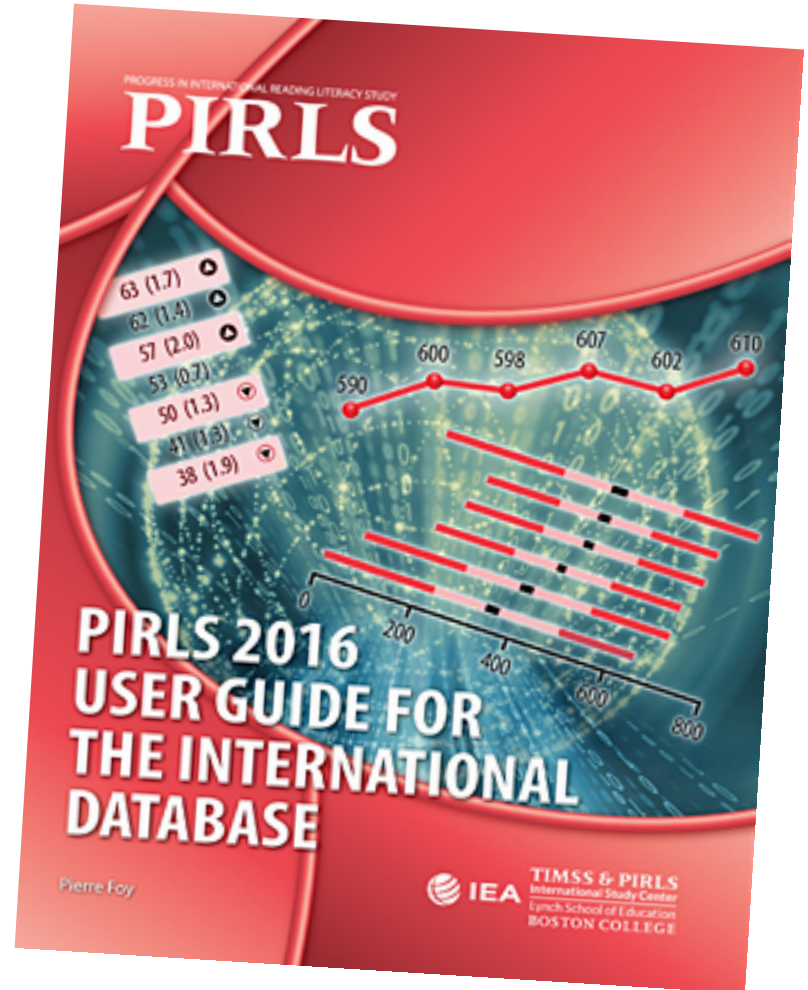
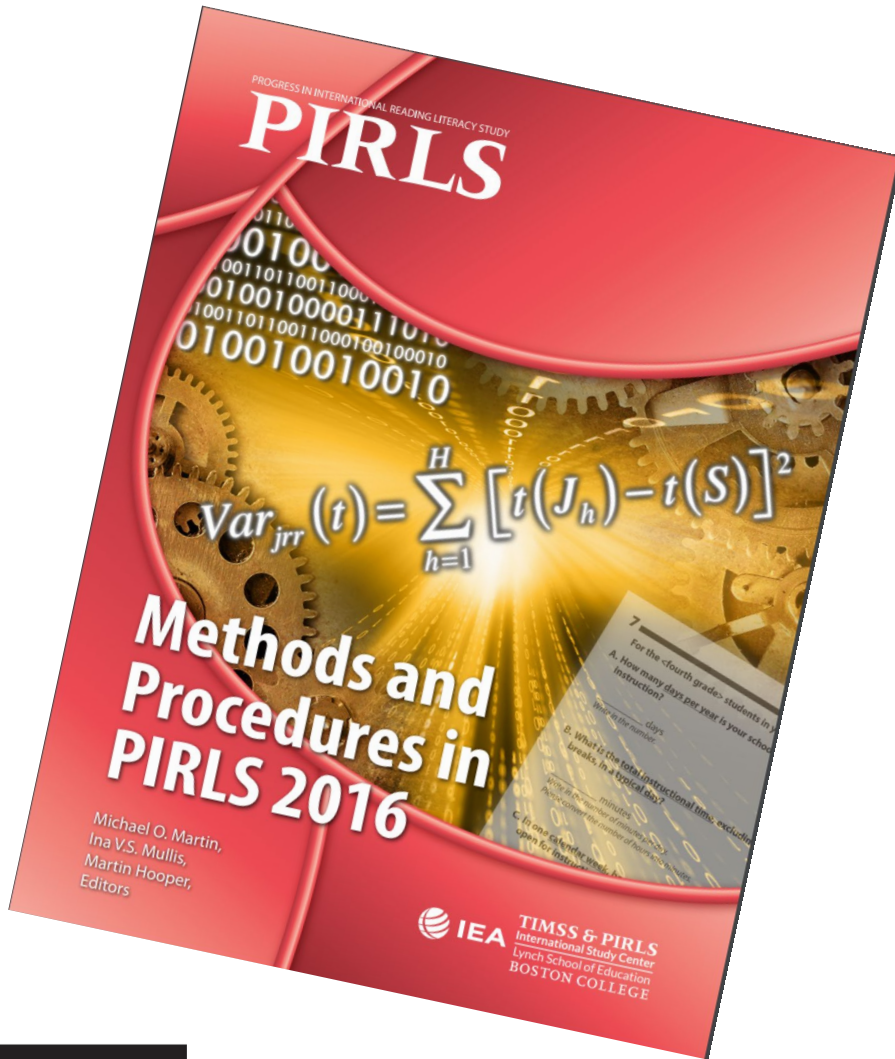
Try out ePIRLS for yourself

- 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!

Technical Documentation



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
- 1st NRC meeting - reviewed initial ideas (Feb., Hamburg)
- Passages to online discussion board for NRC review (Apr–Oct)
- 1st 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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