TIMSS and PIRLS 2011 Progress Report

Ina V.S. Mullis and Michael O. Martin

Executive Directors
TIMSS & PIRLS International Study Center
Boston College

53rd IEA General Assembly
October 2012, Phuket
Since last General Assembly...

Major accomplishments:

- TIMSS and PIRLS 2011 Encyclopedias published!
- TIMSS and PIRLS 2011 International Results at the printers
  - PIRLS Reading
  - TIMSS Mathematics
  - TIMSS Science
Milestones

• Joint TIMSS and PIRLS NRC meeting in Vienna to review draft report exhibits (approx. 750) and background data – Dec 2012

• DPC updated the TIMSS and PIRLS data

• Conducted Sampling Adjudication and finalized sampling weights

• Scaled the context questionnaire data
  - TIMSS Math and Science 4th - 23 scales
  - TIMSS Math and Science 8th - 39 scales
  - PIRLS and prePIRLS - 19 scales
Milestones

• Scaled the achievement data
  – TIMSS Math and Science, 4th and 8th
  – Content and cognitive domains
  – PIRLS and prePIRLS
  – Purposes and processes

• ETS conducted achievement scaling quality control
  – Independent replication
Milestones

• Conducted Scale Anchoring analysis to describe International Benchmarks of achievement
  – PIRLS RDG Expert Group – Stockholm
  – TIMSS SMIRC Expert Group – Helsinki

• Completed exhibits and drafted text for three International Reports

• DPC distributed national data files
Milestones

• Joint TIMSS and PIRLS NRC meeting in Singapore to review draft reports – June ‘12

• After Singapore, revised, finalized, and printed International Reports

• Confidential preview of results at General Assembly in Phuket

• Printed Reports distributed to NRCs
  – November 2012
Milestones

Data release December 11, 2012

IEA Secretariat, Amsterdam

10 a.m. CET (Central European Time)
Milestones

• International Database training
  – February 2013

• IEA’s International Research Conference
  – June 2013

• TIMSS/PIRLS Relationships Report
  – October 2013
Confidential Preview

TIMSS and PIRLS 2011 Results

[The results of the 2011 TIMSS and PIRLS assessments are embargoed until December 11, 2012]
Planning Ahead

- TIMSS 2015
- TIMSS Advanced 2015
- PIRLS 2016
- prePIRLS 2016
PIRLS Initiatives

- Web-based reading
- prePIRLS
  - Linking to PIRLS
  - Linking to regional assessments in Africa and Latin America
TIMSS Advanced 2015

Preparing the next generation of scientists and engineers

- Quantity and quality of students prepared for university study in STEM fields at the end of secondary school
- Participation options
  - End of secondary school
  - Beginning of first year of tertiary education
Thank You!

Ina V.S. Mullis and Michael O. Martin

Executive Directors
TIMSS & PIRLS International Study Center
Boston College

53rd IEA General Assembly
October 2012, Phuket