

PIRLS 2011 and TIMSS 2011

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49th IEA General Assembly
Berlin, 6-9 October, 2008

2011

PIRLS

- Reading Comprehension
- Grade 4

TIMSS

- Mathematics and Science
- Grades 4 and 8

Presents a Unique Opportunity at Grade 4

- Assessing the **Same** Students in Reading, Mathematics, and Science
- Comprehensive Set of Background Variables
 - Parents
 - Students
 - Teachers
 - Schools
 - Curriculum

Examine Relative Effectiveness of School Policies in Reading, Mathematics, and Science

- Are Particular Policies Relatively More Effective for Reading, Mathematics, or Science?
- What is the relative curricular emphasis?
- How is instructional time distributed?
- Are the subjects equally well-resourced?

Examine Differences in Achievement Gaps in Reading, Mathematics, and Science

- Gender – e.g., Girls' Advantage in Reading, Boys' Advantage in Science
- Instructional Language – First Language or Not First Language
- Race/Ethnicity – e.g., Immigrant Groups

Examine Differences in Impact of Home Environment on Reading, Mathematics, and Science

- Home Resources
- Early Childhood Interactions, e.g., Literacy and Numeracy Activities
- Parents' Attitudes
- Home-School Interaction

Facilitating Data Collection

Same Students for PIRLS and TIMSS

Other Possibilities:

- Same Schools – Separate Classes (If Schools Have More than One Class)
- Same Cohort – Separate Schools (If Your Country Has Enough Schools)

TIMSS 2011

- Fifth TIMSS cycle!
 - 1995, 1999, 2003, 2007, 2011
- 1st NRC meeting – Feb. 8-13, 2009
 - Sharm El-Sheikh, Egypt
 - Review and update Assessment Frameworks
- 2nd NRC meeting – May 10-15, 2009
 - Washington, DC
 - Develop field test items

TIMSS 2011 Enrollment Now Open!

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