PIRLS 2011 and TIMSS 2011

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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!

- 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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