

# PIRLS 2011

Ina V.S. Mullis and Michael O. Martin

49<sup>th</sup> IEA General Assembly

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# PIRLS 2011

- Assessment of reading comprehension
- Grade 4
  - 3<sup>rd</sup> PIRLS cycle; trends for 2006 and 2001 participants
  - Baseline data for new countries
- prePIRLS – less difficult version of PIRLS
  - To align with curricula and involve more countries

# Countries Planning to Participate

Armenia

Australia

Austria

Azerbaijan

Bahrain

Bulgaria

Canada

Chinese Taipei

Colombia

Croatia

Czech Republic

Denmark

Egypt

England

France

Georgia

Germany

Hong Kong SAR

Hungary

Iceland

Indonesia

Iran

Ireland

Israel

Italy

Kuwait

Latvia

Lithuania

Luxembourg

Malta

Mongolia

Morocco

Netherlands

New Zealand

Norway

Nigeria

Oman

Poland

Qatar

Romania

Russian Federation

Scotland

Serbia

Singapore

Slovak Republic

Slovenia

South Africa

Spain

Sweden

Ukraine

United States

# **RDG (Reading Development Group)**

**Jan Mejding** (Denmark)

**Sue Horner** (England)

**Elinor Saigh-Haddad** (Israel)

**Pierre Reding** (Luxembourg)

**Galina Zuckerman** (Russian Federation)

**Elizabeth Pang** (Singapore)

**Caroline Liberg** (Sweden)

**Elois Scott** (United States)

**Mohamed Al-Mekhlafy** (Yemen)



# QDG (Questionnaire Development Group)

**Hwawei Ko** (Chinese Taipei)

**Marc Colmant** (France)

**Knut Schwippert** (Germany)

**Megan Chamberlain** (New Zealand)

**Ragnar Solheim** (Norway)

**Abdessalem Bouslama** (Qatar)

**Sarah Howie** (South Africa)

**Valena Plisko** (United States)

# PIRLS 2011 Assessment Specialists

## **Ann Kennedy**

PIRLS Coordinator

TIMSS & PIRLS International Study Center

## **Marian Sainsbury**

Reading Coordinator

National Foundation for Educational Research

## **Patricia Donahue**

Reading Consultant

Educational Testing Service

# PIRLS Reading Comprehension Assessment Framework

## Purposes for reading

- Literary experience
- Acquire and use information

## Process of comprehension

- Focus on and retrieve explicitly stated information
- Make straightforward inferences
- Interpret and integrate ideas and information
- Examine and evaluate content, language, and textual elements

# Scope of PIRLS 2011 Assessment

- 10 reading passages
- Total Assessment Time
  - 6 hours, 40 minutes
- Assessment Time per Student
  - 80 Minutes
  - Two 40-minute Sessions with Break
  - One Passage per Session
- 13 booklets in total



# 1<sup>st</sup> PIRLS 2011 NRC Meeting February 2008, Madrid

- Endorsed PIRLS Assessment Framework and design for 2011
  - Reading comprehension purposes and processes
- Recommended updating the PIRLS Contextual Framework
  - Background factors and characteristics
  - NRC survey of questions in background questionnaires
- Recommended initiatives
  - Web-based reading
  - Online assessment

# 1<sup>st</sup> PIRLS 2011 NRC Meeting February 2008, Madrid (cont.)

- Endorsed the value of developing a PIRLS 2011 Encyclopedia
- Began passage review
  - Solicitation of passages began September 2007
  - Reviewed 36 passages
  - Elaborated on passage guidelines
- Recommended online discussion board to facilitate ongoing review of passages

# 1<sup>st</sup> PIRLS 2011 NRC Meeting February 2008, Madrid (cont.)

## Major Issue

- A group of countries with curricular goals currently more consistent with PIRLS at 6<sup>th</sup> grade

## New Initiative

- PIRLS at 6<sup>th</sup> grade
- prePIRLS at 4<sup>th</sup> grade
- Possibility of linking study at 5<sup>th</sup> grade



# Scope of prePIRLS Assessment

- prePIRLS based on PIRLS Reading Comprehension Framework and design
  - Literary and informational passages
  - Shorter passages (300-400 words)
  - Focuses on retrieval and straightforward inferencing
  - Items distributed throughout text
- Conducted pilot study in South Africa
- Same background questionnaires as PIRLS



## Working Group for PIRLS Web-based Reading Initiative

- Based on PIRLS Framework and design
- Meeting May 2008 at NFER
  - Denmark, England, Netherlands, Slovenia
- Pilot to administer a booklet equivalent of informational reading in a web-based environment
  - Presentation of hypertext via laptop computers
  - Capture student responses via paper and pencil
- Align assessment with reading experiences

## Ongoing Passage Submission and Review Process

- 17 passages identified by task force and text maps developed
- Online discussion board prepared and tested
- Passages and text maps posted for review by NRCs and RDG
  - June 2008
- NRC comments collated for RDG meeting

# 1<sup>st</sup> PIRLS 2011 RDG Meeting August 2008, Amsterdam

- Updated Assessment Framework text
- Recommended 9 passages for field test
- Drafted prototype questions for item writing workshop
- Reviewed prePIRLS initiative and pilot booklets
- Endorsed plans for Web-based reading initiative developed by working group
  - Recommended establishing participation fees



# Participating in the PIRLS Web-based Reading Initiative

- Approximately 5-10 countries eager to proceed
- Prototype development underway for initial review at upcoming November NRC meeting
- Will involve significant investment costs
- Participation fees
  - 2 installments of 50,000 IEA currency units
  - First installment now due!



## Working Group for PIRLS Online Assessment

- Meeting September 2008 at IEA DPC to examine options for online assessment
- Capitalize on data collection efficiencies
  - “Clone a booklet” approach
  - Exploit the potential of the computer for developing innovative items
  - Data capture via computer more appropriate at eighth grade and for mathematics and science
  - Develop a prototype booklet (2 blocks math; 2 blocks science) that addresses TIMSS 2011 framework and can be administered online

## 2<sup>nd</sup> PIRLS 2011 NRC Meeting November 2008, Amsterdam

- Select PIRLS and prePIRLS field test passages
  - Based on results of second round of review via online discussion board
- Develop items and scoring guides for field test passages
- Review Contextual Framework
  - Consider results of NRC survey of PIRLS 2006 questionnaires
- Review web-based reading assessment prototype development

# 1<sup>st</sup> PIRLS 2011 QDG Meeting November 2008, Amsterdam

- Based on NRC recommendations, update the PIRLS Contextual Framework for 2011
- Review the PIRLS 2006 questionnaires
  - Parents
  - Students
  - Teachers
  - Schools
  - Curriculum



## Upcoming Meetings – Field Test

- 2<sup>nd</sup> RDG meeting, Singapore, March 2009
  - Review items and scoring guides for field test
- 2<sup>nd</sup> QDG meeting, TBD, April 2009
  - Review and revise background questionnaires for field test
  - Review outline for Encyclopedia chapters
- 3<sup>rd</sup> NRC meeting, Vilnius, June 2009
  - Review all field test materials



# Upcoming Activities

- Publish PIRLS 2011 Assessment Framework
  - May 2009
- Post final field test materials on web
  - July 2009
- Translation verification begins
  - September 2009
- Conduct field test

**\*\*\*\* February-March 2010 \*\*\*\***

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