TIMSS and PIRLS 2011
Country Adaptations to Items and Item Scoring

TIMSS Fourth Grade Mathematics

Items to be deleted

ALL COUNTRIES
M031002, M01_04 (faulty distractors)
M031223, M05_04 (faulty distractors)

AUSTRIA
M051061, M10_08 (layout error)

AZERBAIJAN
M051117, M02_11 (negative discrimination)

BELGIUM (FLEMISH)
M041177, M11_11 (printing error)

CROATIA
M051070, M04_05 (printing error)
M031210, M07_01 (negative discrimination)

DENMARK
M041177, M11_11 (printing Error)

HONG KONG SAR
M031185, M01_08 (translation error in Chinese)

KUWAIT
M051134, M04_11 (layout error)

MOROCCO
M041148, M06_09 (poor reliability)

SPAIN
M051064A, M02_07 (Valencian and Catalan only; translation error)
M0541065, M09_04 (Valencian only; layout error)

TURKEY
M051502, M08_07 (negative discrimination)
**Constructed-response Items Needing Category Recoding**

**ALL COUNTRIES**
M051015, M02_08 (recode 11 to 70)
M051080, M08_12 (recode 20 to 10, 10 to 71, and 11 to 72)

**TIMSS Fourth Grade Science**

**Items to be deleted**

**ALL COUNTRIES**
S031084, S05_06 (faulty distractors)
S051020, S08_02 (scaling problems)
S041002, S09_07 (faulty distractors)
S051079, S10_09 (attractive distractor)
S041080, S11_08 (attractive distractor)
S041171, S11_10 (faulty distractors)
S051138C, S12_03 (poor discrimination)

**CHINESE TAIPEI**
S051161, S12_01 (negative discrimination)

**HONG KONG SAR**
S041187, S06_05 (negative discrimination)

**IRAN, ISLAMIC REP. OF**
S041187, S06_05 (negative discrimination)

**KUWAIT**
S051100, S02_11 (negative discrimination)

**LITHUANIA**
S041060, S03_12 (translation error)
S031254, S07_01 (negative discrimination)

**MALTA**
S051063, S14_06 (negative discrimination)

**PORTUGAL**
S051086, S02_06 (translation error)

**SPAIN**
S041223, S09_02 (Valencian only; translation error)

**Constructed-response Items Needing Category Recoding**

**ALL COUNTRIES**
S051074, S02_08 (recode 11 to 70)
TIMSS Eighth Grade Mathematics

Items to be deleted

BOTSWANA
M042067, M06_08 (negative discrimination)

CHILE
M032331, M07_06 (translation error)

FINLAND (7)
M042077, M06_06 (negative discrimination)
M042067, M06_08 (negative discrimination)
M052130, M08_06 (negative discrimination)
M042109, M11_06 (negative discrimination)

MACEDONIA, REP. OF
M042158, M11_12 (negative discrimination)

NORWAY
M052173, M02_06 (negative discrimination)

ROMANIA
M042261, M11_14 (negative discrimination)

SWEDEN
M042103, M03_07 (negative discrimination)
M032538, M05_06 (printing error)

Constructed-response Items Needing Category Recoding

ALL COUNTRIES
M052002, M02_08 (recode 21 to 12)
M042300B, M06_10 (recode 11 to 70)
M042229B, M09_10 (recode 11 to 71)
M052095, M10_04 (recode 20 to 10, 10 to 70)
M052087, M12_08 (recode 20 to 10, 10 to 70)
M042302C, M13_06 (recode 11 to 71)

TIMSS Eighth Grade Science

Items to be deleted

ALL COUNTRIES
S042311, S06_16 (faulty distractors)
S052221, S08_11 (scaling problems)
S042401, S13_13 (faulty distractors)
BOTSWANA
S032151, S05_09 (negative discrimination)
S032141, S07_09 (negative discrimination)
S042164, S13_14 (negative discrimination)

CHINESE TAIPEI
S032184, S05_07 (negative discrimination)

FINLAND (7)
S052125, S10_06 (negative discrimination)

FINLAND
S042300B, S13_04 (negative discrimination)

GEORGIA
S052130, S12_08 (negative discrimination)

GHANA
S052032, S02_13 (negative discrimination)

JORDAN
S052134, S14_06 (negative discrimination)

KOREA, REP. OF
S032087, S01_06 (negative discrimination)
S032024, S07_07 (negative discrimination)
S042309, S09_04 (negative discrimination)
S052243C, S14_09 (negative discrimination)

LITHUANIA
S042306, S03_08 (negative discrimination)

MACEDONIA, REP. OF
S052267, S12_03 (negative discrimination)

MOROCCO
S052263B, S04_03 (poor reliability)
S032184, S05_07 (negative discrimination)
S042173, S06_12 (poor discrimination)

NEW ZEALAND
S042300B, S13_04 (negative discrimination)

PALESTINIAN NAT’L AUTH.
S042126, S09_09 (negative discrimination)
S052134, S14_06 (negative discrimination)

SAUDI ARABIA
S042126, S09_09 (negative discrimination)

SLOVENIA
S052232, S10_11 (negative discrimination)

SWEDEN
S042238B, S03_12 (translation error)
S042195, S13_11 (translation error)
SYRIAN ARAB REPUBLIC
S042126, S09_09 (negative discrimination)
S042216, S13_07 (negative discrimination)

TURKEY
S052248, S08_05 (negative discrimination)

UNITED STATES
S042300B, S13_04 (negative discrimination)

CALIFORNIA, US
S042300B, S13_04 (negative discrimination)

INDIANA, US
S052232, S10_11 (negative discrimination)

MASSACHUSETTS, US
S032184, S05_07 (negative discrimination)

MINNESOTA, US
S032184, S05_07 (negative discrimination)

**Constructed-response Items Needing Category Recoding**

ALL COUNTRIES
S042298, S03_03 (recode 11 to 71)

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**PIRLS**

**Items to be deleted**

**BULGARIA**
Sharks Item 4, R21K04M (translation error in item)

**GEORGIA**
Leonardo Item 4, R11L04C (scorer reliability less than 70%)
Shiny Straw Item 14, R21Y14C (scorer reliability less than 70%)

**MOROCCO**
Sharks Item 1, R21K01C (scorer reliability less than 70%)
Enemy Pie Item 5, R31P05C (scorer reliability less than 70%)

**NORWAY**
Empty Pot Item 7, R31M07M (translation error in item)

**SLOVENIA**
Enemy Pie Item 9, R31P09C (printing error)
SOUTH AFRICA
Sharks Item 7, R21K07C (scorer reliability less than 70%)
Leonardo Item 4, R11L04C (scorer reliability less than 70%)
Day Hiking Item 11, R21N11C (scorer reliability less than 70%)
Shiny Straw Item 14, R21Y14C (scorer reliability less than 70%)

SPAIN
Sharks Item 9, R21K09M (Valencian only; printing error)

TRINIDAD AND TOBAGO
Leonardo Item 4, R11L04C (scorer reliability less than 70%)
Fly Eagle Item 9, R21E09C (scorer reliability less than 70%)

UNITED ARAB EMIRATES
Sharks Item 12, R21K12C (Arabic only; translation error in passage)

ABU DHABI, UAE
Sharks Item 12, R21K12C (Arabic only; translation error in passage)

DUBAI, UAE
Sharks Item 12, R21K12C (Arabic only; translation error in passage)

**Constructsed-response Items Needing Category Recoding**

ALL COUNTRIES
Flowers Item 12, R011F12C (Recoded 3 into 2)

<prePIRLS>

**Items to be deleted**

ALL COUNTRIES
Brave Charlotte Item 13, L11B13M (attractive distracter)

BOTSWANA
Lonely Giraffe Item 8, L11L08M (attractive distracter)

SOUTH AFRICA
Lonely Giraffe Item 8, L11L08M (attractive distracter)