Appendix C
Trends in International Mathematics and Science Study (TIMSS 2019) Pilot Test Questionnaire Materials

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August 2016

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eTIMSS 2019

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Student Questionnaire

Grade 4

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

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OMB No. 1850-0695, Approval Expires xx/xx/2019.

Directions

In this booklet, you will find questions about you and what you think. For each question, you should choose the answer you think is best.

Let us take a few minutes to practice the kinds of questions you will answer in this booklet.

Example 1 is one kind of question you will find in this booklet.

Example 1

Do you go to school?

*Fill in **one** oval only.*

Yes -- ①

No -- ②

Example 2 is another kind of question you will find in this booklet.

Example 2

How often do you do these things?

*Fill in only **one** oval for each row.*

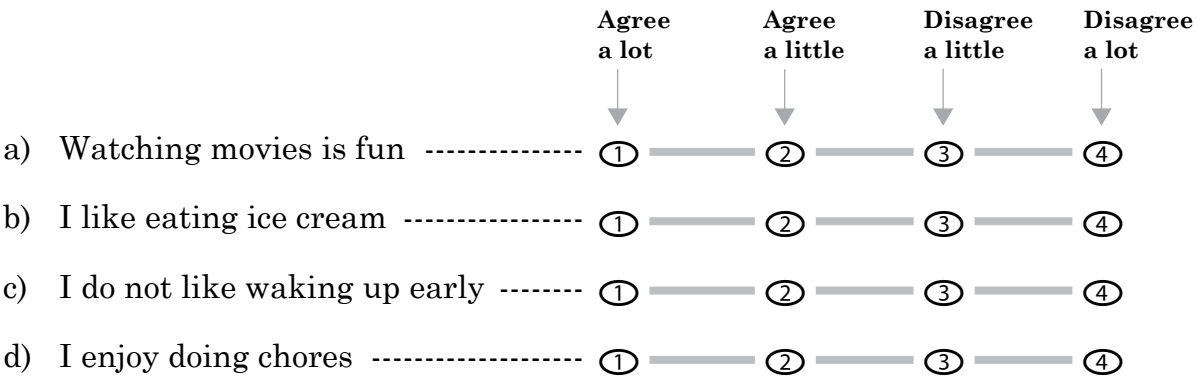
	Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
a) I talk with my friends	①	②	③	④
b) I play sports	①	②	③	④
c) I ride a skateboard	①	②	③	④

Example 3 is another kind of question you will find in this booklet.

Example 3

What do you think? Tell how much you agree with these statements.

*Fill in only **one** oval for each row.*



- Read each question carefully, and pick the answer you think is best.
- Fill in the oval next to or under your answer.
- If you decide to change your answer, completely erase your first choice. Then, fill in the oval next to or under your new answer.
- Ask for help if you do not understand something or are not sure how to answer.

None of your answers will be shared. All your answers may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C., § 9573).

About You

1

Are you a girl or a boy?

*Fill in **one** oval only.*

Girl -- ①

Boy -- ②

2

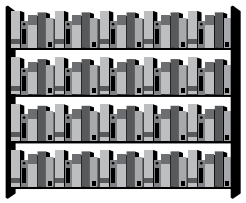
About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)

*Fill in **one** oval only.*

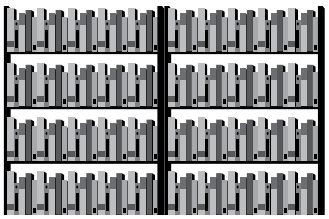
None or very few (0–10 books) -- ① This shows 10 books

Enough to fill one shelf (11–25 books) -- ② This shows 25 books

Enough to fill one bookcase (26–100 books) -- ③ This shows 100 books



Enough to fill two bookcases (101–200 books) -- ④ This shows 200 books



Enough to fill three or more bookcases (more than 200) -- ⑤ This shows more than 200 books

3

Do you have any of these things at your home?

*Fill in only **one** oval for each row.*

	Yes	No
a) A computer or tablet	①	②
b) Internet	①	②

4

A. Is there a computer or tablet at your school that you can use?

*Fill in **one** oval only.*

Yes -- ①

No -- ②

B. Is there Internet at your school?

*Fill in **one** oval only.*

Yes -- ①

No -- ②

Use of Computers or Tablets

5

About how much time do you spend using a computer or tablet each day?

*Fill in **one** oval only.*

Less than 30 minutes -- ①

30 minutes up to 1 hour -- ②

From 1 hour up to 2 hours -- ③

2 hours or more -- ④

6

This school year, how often have you used a computer or tablet to do each of the following?

*Fill in only **one** oval for each row.*

	Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
a) Complete a school assignment such as a paper, report, or presentation	①	②	③	④
b) Find information on the Internet	①	②	③	④
c) Practice things in mathematics that you were having trouble learning	①	②	③	④
d) Practice things in science that you were having trouble learning	①	②	③	④
e) Take a test or quiz	①	②	③	④

Familiarity with Computer or Tablets

7

How much do you agree with these statements?

*Fill in only **one** oval for each row.*

	At least Agree a lot	Once or Agree a little	A few Disagree a little	Disagree a lot
a) I am good at using a computer	①	②	③	④
b) I am good at typing	①	②	③	④
c) It is easy for me to find information on the Internet	①	②	③	④

8

Can you do each of the following?

*Fill in only **one** oval for each row.*

	I definitely can	I probably can	I probably cannot	I definitely cannot
a) Write sentences and paragraphs using a computer	①	②	③	④
b) Use a touchscreen on a computer, tablet or smartphone	①	②	③	④
c) Type using the correct fingers	①	②	③	④
d) Draw a picture using a computer	①	②	③	④
e) Find information on the Internet	①	②	③	④

Thank You!
Thank you for filling out the questionnaire!

Do Not Turn Page Until Instructed To Do So.

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TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Student Questionnaire

Grade 8

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Directions

In this booklet, you will find questions about yourself. Some questions ask for facts while other questions ask for your opinion.

Each question is followed by a number of answers. Fill in the oval next to or under the answer of your choice as shown in Examples 1, 2, and 3.

Example 1

Do you go to school?

*Fill in **one** oval only.*

Yes -- ●

No -- ②

Example 2

How often do you do these things?

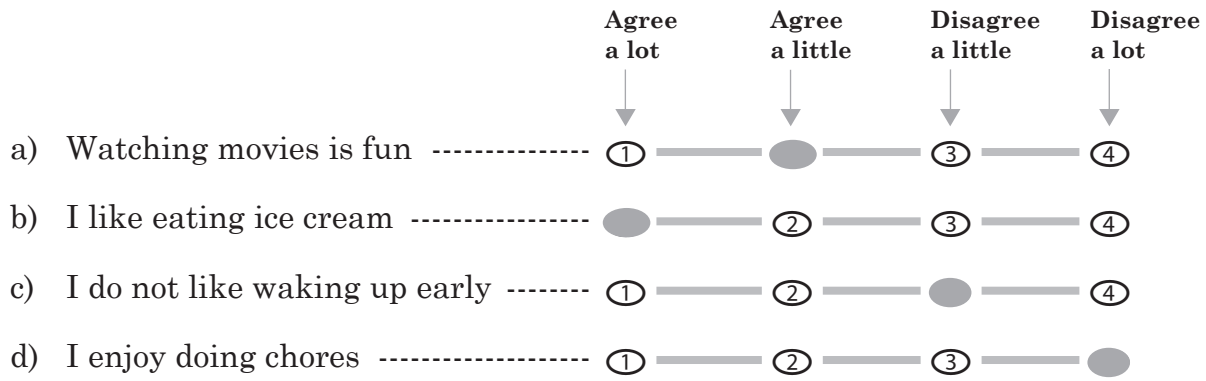
*Fill in only **one** oval for each row.*

	Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
a) I talk with my friends	●	②	③	④
b) I play sports	①	●	③	④
c) I ride a skateboard	①	②	●	④

Example 3

What do you think? Tell how much you agree with these statements.

*Fill in only **one** oval for each row.*



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None or very few (0–10 books) -- ①

Enough to fill one shelf (11–25 books) -- ②

Enough to fill one bookcase (26–100 books) -- ③

Enough to fill two bookcases (101–200 books) -- ④

Enough to fill three or more bookcases (more than 200) -- ⑤

3

A. What is the highest level of education completed by your mother (or stepmother or female legal guardian)?

*Fill in **one** oval only.*

Less than high school -- ①

Some high school -- ②

High school graduate -- ③

Associate's degree (2-year college program) -- ④

Bachelor's degree (4-year college program) -- ⑤

Master's degree or professional degree (MD, DDS, lawyer, minister)--- ⑥

Doctorate (Ph.D., or Ed.D.) -- ⑦

I don't know -- ⑧

B. What is the highest level of education completed by your father (or stepfather or male legal guardian)?

*Fill in **one** oval only.*

Less than high school -- ①

Some high school -- ②

High school graduate -- ③

Associate's degree (2-year college program) -- ④

Bachelor's degree (4-year college program) -- ⑤

Master's degree or professional degree (MD, DDS, lawyer, minister) -- ⑥

Doctorate (Ph.D., or Ed.D.) -- ⑦

I don't know -- ⑧

4

Do you have any of these things at your home?

*Fill in only **one** oval for each row.*

	Yes	No
a) A computer or tablet	①	②
b) Internet	①	②

5

A. Is there a computer or tablet at your school that you can use?

*Fill in **one** oval only.*

Yes -- ①

No -- ②

B. Is there Internet at your school?

*Fill in **one** oval only.*

Yes -- ①

No -- ②

Use of Computers or Tablets

6

About how much time do you spend using a computer or tablet each day?

*Fill in **one** oval only.*

Less than 30 minutes -- ①

30 minutes up to 1 hour -- ②

From 1 hour up to 2 hours -- ③

2 hours or more -- ④

7

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a) Complete a school assignment such as a paper, report, or presentation	①	②	③	④
b) Find information on the Internet	①	②	③	④
c) Practice things in mathematics that you were having trouble learning	①	②	③	④
d) Practice things in science that you were having trouble learning	①	②	③	④
e) Take a test or quiz	①	②	③	④

Familiarity with Computer or Tablets

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How much do you agree with these statements?

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	At least Agree a lot	Once or Agree a little	A few Disagree a little	Disagree a lot
a) I am good at using a computer --	①	②	③	④
b) I am good at typing ----------	①	②	③	④
c) It is easy for me to find information on the Internet ------	①	②	③	④

9

Can you do each of the following?

*Fill in only **one** oval for each row.*

	I definitely can	I probably can	I probably cannot	I definitely cannot
a) Write sentences and paragraphs using a computer ----------	①	②	③	④
b) Use a touchscreen on a computer, tablet or smartphone ----------	①	②	③	④
c) Type using the correct fingers ----	①	②	③	④
d) Draw a picture using a computer-	①	②	③	④
e) Find information on the Internet-	①	②	③	④

Thank You!
Thank you for filling out the questionnaire!