

**Do Not Turn Page Until
Instructed To Do So.**

**TIMSS
2015**

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Student Questionnaire

Grade 4

**National Center for Education Statistics
U.S. Department of Education
1990 K St. NW
Washington, DC 20006-5650**



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

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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

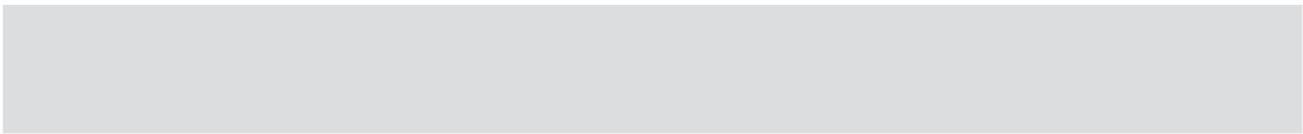
Example 2 is another kind of question you will find in this booklet.

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.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	Ⓐ	Ⓑ	Ⓒ	Ⓓ
b) I like eating ice cream	Ⓐ	Ⓑ	Ⓒ	Ⓓ
c) I do not like waking up early	Ⓐ	Ⓑ	Ⓒ	Ⓓ
d) I enjoy doing chores	Ⓐ	Ⓑ	Ⓒ	Ⓓ

- 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.

About You

1

A. Are you a girl or a boy?

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

Girl --

Boy --

B. Are you Hispanic or Latino?

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

Yes, I am Hispanic or Latino --

No, I am not Hispanic or Latino --

C. Which of the following best describes you?

*Fill in ovals for **all** that apply.*

White --

Black or African American --

Asian --

American Indian or Alaska Native --

Native Hawaiian or other
Pacific Islander --

2

When were you born?

Fill in the ovals next to the month and year you were born.

a) Month

January --- Ⓐ

February --- Ⓑ

March --- Ⓒ

April --- Ⓓ

May --- Ⓔ

June --- Ⓕ

July --- Ⓖ

August --- Ⓗ

September --- Ⓘ

October --- Ⓣ

November --- Ⓚ

December --- Ⓛ

b) Year

2002 --- ①

2003 --- ②

2004 --- ③

2005 --- ④

2006 --- ⑤

2007 --- ⑥

2008 --- ⑦

Other --- ⑧

3

A. How often do you speak English at home?

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

I always speak English at home -- ① *If **Always**, please go to question 4* →

I almost always speak English at home -- ②

I sometimes speak English and sometimes speak another language at home -- ③

I never speak English at home -- ④

*If **Almost always, Sometimes, Never**, please go to question 3B* ↴

B. What language do you speak at home (other than English)?

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

Spanish -- ①

Other -- ② Please specify _____

4

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

Fill in *one* oval only.

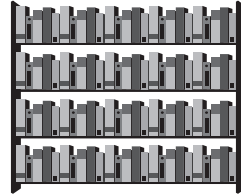
None or very few (0–10 books) -- ① This shows 10 books



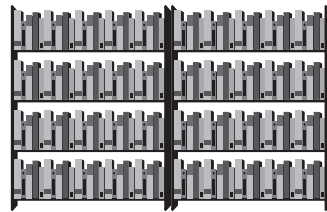
Enough to fill one shelf (11–25 books) -- ② This shows 25 books



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



5

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 of your own ----- | ① | ② |
| b) A computer or tablet that is shared
with other people at home ----- | ① | ② |
| c) Study desk/table for your use ----- | ① | ② |
| d) Your own room ----- | ① | ② |
| e) Internet connection ----- | ① | ② |
| f) Your own cell phone ----- | ① | ② |
| g) A gaming system
(e.g., PlayStation,
Wii, Xbox) ----- | ① | ② |
| h) VCR, DVD, or Blu-ray player ----- | ① | ② |

6

A. Was your mother (or stepmother or female legal guardian) born in the United States? (“United States” includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad.)

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

Yes -- ①

No -- ②

I don't know -- ③

B. Was your father (or stepfather or male legal guardian) born in the United States?

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

Yes -- ①

No -- ②

I don't know -- ③

7

Were you born in the United States?

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

Yes -- ①

No -- ②

8

The following questions ask about activities you do outside of school.

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

- | | Yes | No |
|---|--------|--------|
| a) Do you play on a sports team outside of school? ----- | ↓
① | ↓
② |
| b) Do you often play a musical instrument outside of school? ----- | ① | ② |
| c) Are you studying something in a class outside of school? ----- | ① | ② |
| d) Do you belong to a club outside of school (like Boy/Girl Scouts, 4-H, or Boys and Girls Club)? ----- | ① | ② |

9

Are you preparing for or have you participated in a science club, a science fair, or a science competition?

Fill in **one** oval only.

Yes -- ①

No -- ②

10

Have you ever repeated a grade in elementary school?

Fill in **one** oval only.

Yes -- ①

No -- ②

11

A. About how often are you absent from school?

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

- Once a week or more -- ①
- Once every two weeks -- ②
- Once a month -- ③
- Never or almost never -- ④

B. How many days were you absent from school in the last month?

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

- None -- ①
- 1 or 2 days -- ②
- 3 or 4 days -- ③
- 5 to 10 days -- ④
- More than 10 days -- ⑤

12

How often do you eat breakfast on school days?

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

- Every day -- ①
- Most days -- ②
- Sometimes -- ③
- Never or almost never -- ④

13

How often do you use a computer or tablet in each of these places for schoolwork (including classroom tasks, homework, studying outside of class)?

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) At home	① _____	② _____	③ _____	④ _____
b) At school	① _____	② _____	③ _____	④ _____
c) Some other place	① _____	② _____	③ _____	④ _____

Your School

14

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

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I like being in school	①	②	③	④
b) I feel safe when I am at school	①	②	③	④
c) I feel like I belong at this school ...	①	②	③	④
d) I like to see my classmates at school	①	②	③	④
e) Teachers at my school are fair to me	①	②	③	④
f) I am proud to go to this school	①	②	③	④
g) I learn a lot in school	①	②	③	④

15

During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet)?

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

	At least once a week	Once or twice a month	A few times a year	Never
a) Made fun of me or called me names -----	↓ ①	↓ ②	↓ ③	↓ ④
b) Left me out of their games or activities -----	①	②	③	④
c) Spread lies about me -----	①	②	③	④
d) Stole something from me -----	①	②	③	④
e) Hit or hurt me (<i>e.g., shoving, hitting, kicking</i>) -----	①	②	③	④
f) Made me do things I didn't want to do -----	①	②	③	④
g) Shared embarrassing information about me -----	①	②	③	④
h) Threatened me -----	①	②	③	④

Mathematics in School

16

How much do you agree with these statements about learning mathematics?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning mathematics -----	①	②	③	④
b) I wish I did not have to study mathematics -----	①	②	③	④
c) Mathematics is boring -----	①	②	③	④
d) I learn many interesting things in mathematics -----	①	②	③	④
e) I like mathematics -----	①	②	③	④
f) I like any schoolwork that involves numbers -----	①	②	③	④
g) I like to solve mathematics problems -----	①	②	③	④
h) I look forward to mathematics lessons -----	①	②	③	④
i) Mathematics is one of my favorite subjects -----	①	②	③	④

17

How much do you agree with these statements about your mathematics lessons?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do -----	↓ ①	↓ ②	↓ ③	↓ ④
b) My teacher is easy to understand --	①	②	③	④
c) I am interested in what my teacher says -----	①	②	③	④
d) My teacher gives me interesting things to do -----	①	②	③	④
e) My teacher has clear answers to my questions -----	①	②	③	④
f) My teacher is good at explaining mathematics -----	①	②	③	④
g) My teacher lets me show what I have learned -----	①	②	③	④
h) My teacher does a variety of things to help us learn -----	①	②	③	④
i) My teacher tells me how to do better when I make a mistake -----	①	②	③	④
j) My teacher listens to what I have to say -----	①	②	③	④

18

How much do you agree with these statements about mathematics?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in mathematics ---	①	②	③	④
b) Mathematics is harder for me than for many of my classmates ----	①	②	③	④
c) I am just not good at mathematics -	①	②	③	④
d) I learn things quickly in mathematics -----	①	②	③	④
e) Mathematics makes me nervous ---	①	②	③	④
f) I am good at working out difficult mathematics problems -----	①	②	③	④
g) My teacher tells me I am good at mathematics -----	①	②	③	④
h) Mathematics is harder for me than any other subject -----	①	②	③	④
i) Mathematics makes me confused --	①	②	③	④

Science in School

19

How much do you agree with these statements about learning science?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning science	①	②	③	④
b) I wish I did not have to study science	①	②	③	④
c) Science is boring	①	②	③	④
d) I learn many interesting things in science	①	②	③	④
e) I like science	①	②	③	④
f) I look forward to learning science in school	①	②	③	④
g) Science teaches me how things in the world work	①	②	③	④
h) I like to do science experiments ----	①	②	③	④
i) Science is one of my favorite subjects	①	②	③	④

20

How much do you agree with these statements about your science lessons?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do -----	①	②	③	④
b) My teacher is easy to understand --	①	②	③	④
c) I am interested in what my teacher says -----	①	②	③	④
d) My teacher gives me interesting things to do -----	①	②	③	④
e) My teacher has clear answers to my questions -----	①	②	③	④
f) My teacher is good at explaining science -----	①	②	③	④
g) My teacher lets me show what I have learned -----	①	②	③	④
h) My teacher does a variety of things to help us learn -----	①	②	③	④
i) My teacher tells me how to do better when I make a mistake -----	①	②	③	④
j) My teacher listens to what I have to say -----	①	②	③	④

21

How much do you agree with these statements about science?

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

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in science	Ⓐ	Ⓑ	Ⓒ	Ⓓ
b) Science is harder for me than for many of my classmates ----	Ⓐ	Ⓑ	Ⓒ	Ⓓ
c) I am just not good at science	Ⓐ	Ⓑ	Ⓒ	Ⓓ
d) I learn things quickly in science	Ⓐ	Ⓑ	Ⓒ	Ⓓ
e) My teacher tells me I am good at science	Ⓐ	Ⓑ	Ⓒ	Ⓓ
f) Science is harder for me than any other subject	Ⓐ	Ⓑ	Ⓒ	Ⓓ
g) Science makes me confused	Ⓐ	Ⓑ	Ⓒ	Ⓓ

22

How hard was this test compared to most other tests you have taken this year in school?

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

- Easier than other tests -- ①
- About as hard as other tests -- ②
- Harder than other tests -- ③
- Much harder than other tests -- ④

23

How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?

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

- Not as hard as on other tests -- ①
- About as hard as on other tests -- ②
- Harder than on other tests -- ③
- Much harder than on other tests -- ④

24

How important was it to you to do well on this test?

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

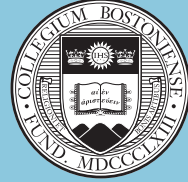
- Not very important -- ①
- Somewhat important -- ②
- Important -- ③
- Very important -- ④

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1

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