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Instructed To Do So.**

**TIMSS
2015**

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Student Questionnaire

Grade 8

**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 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 --

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	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I play sports	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I ride a skateboard	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I like eating ice cream	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I do not like waking up early	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
d) I enjoy doing chores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

- 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 -- ①

Boy -- ②

B. Are you Hispanic or Latino?

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

Yes, I am Hispanic or Latino -- ①

No, I am not Hispanic or Latino -- ②

C. Which of the following best describes you?

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

White -- ①

Black or African American -- ①

Asian -- ①

American Indian or Alaska Native -- ①

Native Hawaiian or other
Pacific Islander -- ①

2

When were you born?

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

a) Month

January --- (A)

February --- (B)

March --- (C)

April --- (D)

May --- (E)

June --- (F)

July --- (G)

August --- (H)

September --- (I)

October --- (J)

November --- (K)

December --- (L)

b) Year

1997 --- (1)

1998 --- (2)

1999 --- (3)

2000 --- (4)

2001 --- (5)

2002 --- (6)

2003 --- (7)

2004 --- (8)

2005 --- (9)

Other --- (0)

3

A. How often do you speak English at home?

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

Always -- ① *If **Always**, please go to question 4* →

Almost always -- ②

Sometimes -- ③

Never -- 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

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 |

5

In this school year, are you preparing for or have you participated in any of the following activities?

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

- | | Yes | No |
|------------------------------|--------|--------|
| a) Science fair | ↓
① | ↓
② |
| b) Science club | ① | ② |
| c) Science competition | ① | ② |

6

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

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

7

How many digital information devices are there in your home? Count computers, tablets, smartphones, smart TVs, and e-readers. (Do not count other devices.)

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

None -- ①

1-3 devices -- ②

4-6 devices -- ③

7-10 devices -- ④

More than 10 devices -- ⑤

8

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 |

9

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

10

How far in your education do you expect to go?

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

Finish middle school -- ①

Finish high school -- ②

Finish Associate's degree
(2-year college program) -- ③

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

Finish Master's degree or
professional degree (MD,
DDS, lawyer, minister) -- ⑤

Finish Doctorate (Ph.D., Ed.D.) -- ⑥

11

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

12 _____

A. Were you born in the United States?

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

Yes -- ① 

(If Yes, go to question 13)

No -- ②

If No,

B. If you were not born in the United States, how old were you when you came to the United States?

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

Older than 10 years old -- ①

5 to 10 years old -- ②

Younger than 5 years old -- ③

13

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

14

Have you ever repeated a grade?

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

- | | Yes | | No | |
|--|-----|---|----|---|
| a) In elementary school | ↓ | ① | ↓ | ② |
| b) In middle or junior high school | | ① | | ② |

15

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

16

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

17

Do you use the Internet to do any of the following tasks for schoolwork (including classroom tasks, homework, studying outside of class)?

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

- | | Yes | No |
|---|---------|---------|
| | ↓ | ↓ |
| a) Access the textbook or other course materials | ① _____ | ② _____ |
| b) Access assignments posted online by my teacher | ① _____ | ② _____ |
| c) Collaborate with classmates on assignments or projects | ① _____ | ② _____ |
| d) Communicate with the teacher | ① _____ | ② _____ |
| e) Find information, articles, or tutorials to aid in understanding mathematics | ① _____ | ② _____ |
| f) Find information, articles, or tutorials to aid in understanding science | ① _____ | ② _____ |

Your School

18

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

19

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 (e.g., shoving, hitting, kicking)	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) Posted embarrassing things about me online	① _____	② _____	③ _____	④ _____
i) Threatened me	① _____	② _____	③ _____	④ _____

Mathematics in School

20

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 class -----	①	②	③	④
i) Mathematics is one of my favorite subjects -----	①	②	③	④

21

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

22

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 more difficult for me than for many of my classmates -----	①	②	③	④
c) Mathematics is not one of my strengths -----	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

23

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 think learning mathematics will help me in my daily life | ① | ② | ③ | ④ |
| b) I need mathematics to learn other school subjects | ① | ② | ③ | ④ |
| c) I need to do well in mathematics to get into the college or university of my choice | ① | ② | ③ | ④ |
| d) I need to do well in mathematics to get the job I want | ① | ② | ③ | ④ |
| e) I would like a job that involves using mathematics | ① | ② | ③ | ④ |
| f) It is important to learn about mathematics to get ahead in the world | ① | ② | ③ | ④ |
| g) Learning mathematics will give me more job opportunities when I am an adult | ① | ② | ③ | ④ |
| h) My parents think that it is important that I do well in mathematics | ① | ② | ③ | ④ |
| i) It is important to do well in mathematics | ① | ② | ③ | ④ |

Science in School

24

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 conduct science experiments	①	②	③	④
i) Science is one of my favorite subjects	①	②	③	④

25

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

26

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 -----	①	②	③	④
b) Science is more difficult for me than for many of my classmates ----	①	②	③	④
c) Science is not one of my strengths -----	①	②	③	④
d) I learn things quickly in science -----	①	②	③	④
e) I am good at working out difficult science problems -----	①	②	③	④
f) My teacher tells me I am good at science -----	①	②	③	④
g) Science is harder for me than any other subject -----	①	②	③	④
h) Science makes me confused -----	①	②	③	④

27

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 think learning science will help me in my daily life	①	②	③	④
b) I need science to learn other school subjects	①	②	③	④
c) I need to do well in science to get into the college or university of my choice	①	②	③	④
d) I need to do well in science to get the job I want	①	②	③	④
e) I would like a job that involves using science	①	②	③	④
f) It is important to learn about science to get ahead in the world	①	②	③	④
g) Learning science will give me more job opportunities when I am an adult	①	②	③	④
h) My parents think that it is important that I do well in science	①	②	③	④
i) It is important to do well in science	①	②	③	④

Homework

28

A. How often does your teacher give you homework in the following subjects?

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

	Every day	3 or 4 times a week	1 or 2 times a week	Less than once a week	Never
a) Mathematics	① _____	② _____	③ _____	④ _____	⑤ _____
b) Science	① _____	② _____	③ _____	④ _____	⑤ _____

B. When your teacher gives you homework in the following subjects, about how many minutes do you usually spend on your homework?

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

	My teacher never gives me homework in...	1-15 minutes	16-30 minutes	31-60 minutes	61-90 minutes	More than 90 minutes
a) Mathematics --	① _____	② _____	③ _____	④ _____	⑤ _____	⑥ _____
b) Science	① _____	② _____	③ _____	④ _____	⑤ _____	⑥ _____

29

A. During the last 12 months, have you attended extra lessons or tutoring not provided by the school in the following subjects?

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

	Yes, to excel in class	Yes, to keep up in class	No
a) Mathematics	① _____	② _____	③ _____
b) Science	① _____	② _____	③ _____

B. For how many of the last 12 months have you attended extra lessons or tutoring?

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

	Did not attend	Less than 4 months	4-8 months	More than 8 months
a) Mathematics	① _____	② _____	③ _____	④ _____
b) Science	① _____	② _____	③ _____	④ _____

30

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

31

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

32

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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Booklet



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