Identification Label

TIMSS 2011

Student Questionnaire

Separate Science Subjects

<Grade 8>

<TIMSS National Research Center Name>
<Address>

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. Shade in the circle 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 **one** circle only.*

Yes --

No --

Example 2

How often do you do these things?

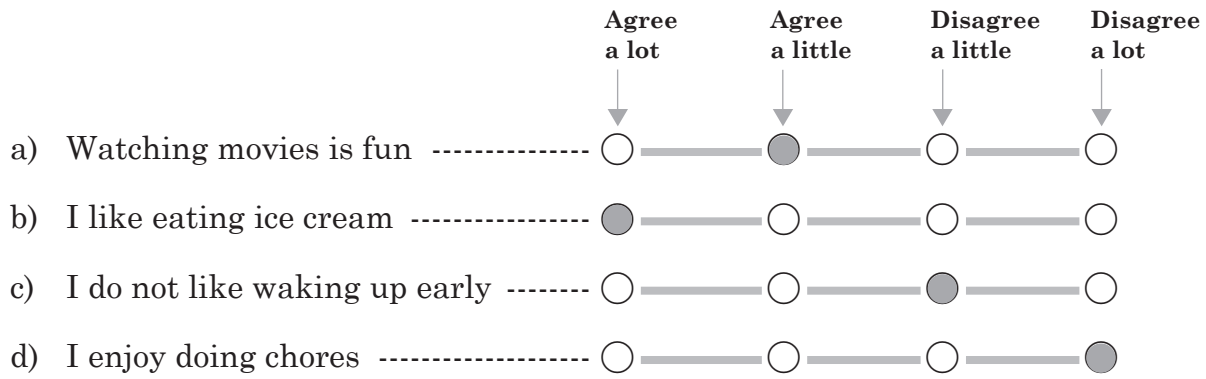
*Fill **one** circle for each line.*

	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	●	○	○	○
b) I play sports	○	●	○	○
c) I ride a skateboard	○	○	●	○

Example 3

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

*Fill **one** circle for each line.*



- Read each question carefully, and pick the answer you think is best.
- Fill in the circle next to or under your answer.
- If you decide to change your answer, draw an X through your first answer, like this: . Then, fill in the circle 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

Are you a girl or a boy?

*Fill **one** circle only.*

Girl -- ◯

Boy -- ◯

2

When were you born?

Fill the circles 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

1993 -- ◯
1994 -- ◯
1995 -- ◯
1996 -- ◯
1997 -- ◯
1998 -- ◯
1999 -- ◯
2000 -- ◯
2001 -- ◯
Other -- ◯

3

How often do you speak <language of test> at home?

*Fill **one** circle only.*

Always -- ◯

Almost always -- ◯

Sometimes -- ◯

Never -- ◯

4

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

*Fill **one** circle only.*

None or very few (0–10 books) -- ◯

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

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

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

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

5

Do you have any of these things at your home?

*Fill **one** circle for each line.*

	Yes	No
a) Computer	○	○
b) Study desk/table for your use	○	○
c) Books of your very own (do not count your school books)	○	○
d) Your own room	○	○
e) Internet connection	○	○
f) <country-specific indicator of wealth>	○	○
g) <country-specific indicator of wealth>	○	○
h) <country-specific indicator of wealth>	○	○
i) <country-specific indicator of wealth>	○	○
j) <country-specific indicator of wealth>	○	○
k) <country-specific indicator of wealth>	○	○

6

A. What is the highest level of education completed by your mother <or stepmother or female guardian>?

*Fill **one** circle only.*

Some <ISCED Level 1 or 2> or did not go to school ---------- ◯

<ISCED Level 2> ---------- ◯

<ISCED Level 3> ---------- ◯

<ISCED Level 4> ---------- ◯

<ISCED Level 5B> ---------- ◯

<ISCED Level 5A, first degree> ---------- ◯

Beyond <ISCED Level 5A, first degree> ---------- ◯

I don't know ---------- ◯

B. What is the highest level of education completed by your father <or stepfather or male guardian>?

*Fill **one** circle only.*

Some <ISCED Level Level 1 or 2> or did not go to school ---------- ◯

<ISCED Level 2> ---------- ◯

<ISCED Level 3> ---------- ◯

<ISCED Level 4> ---------- ◯

<ISCED Level 5B> ---------- ◯

<ISCED Level 5A, first degree> ---------- ◯

Beyond <ISCED Level 5A, first degree> ---------- ◯

I don't know ---------- ◯

7

How far in your education do you expect to go?

*Fill **one** circle only.*

Finish <ISCED Level 2> ---------- ◯

Finish <ISCED Level 3> ---------- ◯

Finish <ISCED Level 4> ---------- ◯

Finish <ISCED Level 5B> ---------- ◯

Finish <ISCED Level 5A, first degree> ---------- ◯

Beyond <ISCED Level 5A, first degree> ---------- ◯

I don't know ---------- ◯

8

A. Was your mother <or stepmother or female guardian> born in <country>?

*Fill **one** circle only.*

Yes -- ◯

No -- ◯

B. Was your father <or stepfather or male guardian> born in <country>?

*Fill **one** circle only.*

Yes -- ◯

No -- ◯

9

A. Were you born in <country>?

*Fill **one** circle only.*

Yes -- ◯ →

(If Yes, go to question 10)

No -- ◯

B. If you were not born in <country>, how old were you when you came to <country>?

*Fill **one** circle only.*

Older than 10 years old -- ◯

5 to 10 years old -- ◯

Younger than 5 years old -- ◯

10

How often do you use a computer in each of these places?

*Fill **one** circle for each line.*

	Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
a) At home	○	○	○	○
b) At school	○	○	○	○
c) Some other place	○	○	○	○

11

How often do the following things happen at home?

*Fill **one** circle for each line.*

	Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
a) My parents ask me what I am learning in school	○	○	○	○
b) I talk about my schoolwork with my parents	○	○	○	○
c) My parents make sure that I set aside time for my homework	○	○	○	○
d) My parents check if I do my homework	○	○	○	○

12

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I like being in school	○	○	○	○
b) I feel safe when I am at school	○	○	○	○
c) I feel like I belong at this school	○	○	○	○

13

During this year, how often have any of the following things happened to you <u>at school</u>?

*Fill **one** circle for each line.*

	At least once a week	Once or twice a month	A few times a year	Never
a) I was made fun of or called names	○	○	○	○
b) I was left out of games or activities by other students	○	○	○	○
c) Someone spread lies about me	○	○	○	○
d) Something was stolen from me	○	○	○	○
e) I was hit or hurt by other student(s) (*e.g., shoving, hitting, kicking*)	○	○	○	○
f) I was made to do things I didn't want to do by other students	○	○	○	○

14

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning mathematics	○	○	○	○
b) I wish I did not have to study mathematics	○	○	○	○
c) Mathematics is boring	○	○	○	○
d) I learn many interesting things in mathematics	○	○	○	○
e) I like mathematics	○	○	○	○
f) It is important to do well in mathematics	○	○	○	○

15

How much do you agree with these statements about your <u>mathematics lessons</u>?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do	○	○	○	○
b) I think of things not related to the lesson	○	○	○	○
c) My teacher is easy to understand	○	○	○	○
d) I am interested in what my teacher says	○	○	○	○
e) My teacher gives me interesting things to do	○	○	○	○

16

How much do you agree with these statements about mathematics?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in mathematics	○	○	○	○
b) Mathematics is more difficult for me than for many of my classmates	○	○	○	○
c) Mathematics is not one of my strengths	○	○	○	○
d) I learn things quickly in mathematics	○	○	○	○
e) Mathematics makes me confused and nervous	○	○	○	○
f) I am good at working out difficult mathematics problems	○	○	○	○
g) My teacher thinks I can do well in mathematics <programs/classes/ lessons> with difficult materials	○	○	○	○
h) My teacher tells me I am good at mathematics	○	○	○	○
i) Mathematics is harder for me than any other subject	○	○	○	○

16 (continued)

How much do you agree with these statements about mathematics?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
j) I think learning mathematics will help me in my daily life	○	○	○	○
k) I need mathematics to learn other school subjects	○	○	○	○
l) I need to do well in mathematics to get into the <university> of my choice	○	○	○	○
m) I need to do well in mathematics to get the job I want	○	○	○	○
n) I would like a job that involves using mathematics	○	○	○	○

17

Are you studying biology in school this year?

*Fill **one** circle only.*

Yes -- ○

No -- ○ →

(If No, go to question 21)

18

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

*Fill **one** circle for each line.*

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
a)	I enjoy learning biology	○	○	○	○
b)	I wish I did not have to study biology	○	○	○	○
c)	I read about biology in my spare time	○	○	○	○
d)	Biology is boring	○	○	○	○
e)	I learn many interesting things in biology	○	○	○	○
f)	I like biology	○	○	○	○
g)	It is important to do well in biology	○	○	○	○

19

How much do you agree with these statements about your <u>biology lessons</u>?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do	○	○	○	○
b) I think of things not related to the lesson	○	○	○	○
c) My teacher is easy to understand	○	○	○	○
d) I am interested in what my teacher says	○	○	○	○
e) My teacher gives me interesting things to do	○	○	○	○

20

How much do you agree with these statements about biology?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in biology	○	○	○	○
b) Biology is more difficult for me than for many of my classmates	○	○	○	○
c) Biology is not one of my strengths	○	○	○	○
d) I learn things quickly in biology	○	○	○	○
e) Biology makes me confused and nervous	○	○	○	○
f) I am good at working out difficult biology problems	○	○	○	○
g) My teacher thinks I can do well in biology <programs/classes/ lessons> with difficult materials	○	○	○	○
h) My teacher tells me I am good at biology	○	○	○	○
i) Biology is harder for me than any other subject	○	○	○	○

20 (continued)

How much do you agree with these statements about biology?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
j) I think learning biology will help me in my daily life	○	○	○	○
k) I need biology to learn other school subjects	○	○	○	○
l) I need to do well in biology to get into the <university> of my choice	○	○	○	○
m) I need to do well in biology to get the job I want	○	○	○	○
n) I would like a job that involves using biology	○	○	○	○

21

Are you studying earth science in school this year?

*Fill **one** circle only.*

Yes -- ○

No -- ○ →

(If No, go to question 25)

22

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning earth science	○	○	○	○
b) I wish I did not have to study earth science	○	○	○	○
c) I read about earth science in my spare time	○	○	○	○
d) Earth science is boring	○	○	○	○
e) I learn many interesting things in earth science	○	○	○	○
f) I like earth science	○	○	○	○
g) It is important to do well in earth science	○	○	○	○

23

How much do you agree with these statements about your <u>earth science lessons</u>?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do	○	○	○	○
b) I think of things not related to the lesson	○	○	○	○
c) My teacher is easy to understand	○	○	○	○
d) I am interested in what my teacher says	○	○	○	○
e) My teacher gives me interesting things to do	○	○	○	○

24

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in earth science	○	○	○	○
b) Earth science is more difficult for me than for many of my classmates	○	○	○	○
c) Earth science is not one of my strengths	○	○	○	○
d) I learn things quickly in earth science	○	○	○	○
e) Earth science makes me confused and nervous	○	○	○	○
f) I am good at working out difficult earth science problems	○	○	○	○
g) My teacher thinks I can do well in earth science <programs/classes/ lessons> with difficult materials	○	○	○	○
h) My teacher tells me I am good at earth science	○	○	○	○
i) Earth science is harder for me than any other subject	○	○	○	○

24 (continued)

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
j) I think learning earth science will help me in my daily life	○	○	○	○
k) I need earth science to learn other school subjects	○	○	○	○
l) I need to do well in earth science to get into the <university> of my choice	○	○	○	○
m) I need to do well in earth science to get the job I want	○	○	○	○
n) I would like a job that involves using earth science	○	○	○	○

25

Are you studying chemistry in school this year?

*Fill **one** circle only.*

Yes -- ○

No -- ○ →

(If No, go to question 29)

26

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

*Fill **one** circle for each line.*

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
a)	I enjoy learning chemistry	○	○	○	○
b)	I wish I did not have to study chemistry	○	○	○	○
c)	I read about chemistry in my spare time	○	○	○	○
d)	Chemistry is boring	○	○	○	○
e)	I learn many interesting things in chemistry	○	○	○	○
f)	I like chemistry	○	○	○	○
g)	It is important to do well in chemistry	○	○	○	○

27

How much do you agree with these statements about your <u>chemistry lessons</u>?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do	○	○	○	○
b) I think of things not related to the lesson	○	○	○	○
c) My teacher is easy to understand	○	○	○	○
d) I am interested in what my teacher says	○	○	○	○
e) My teacher gives me interesting things to do	○	○	○	○

28

How much do you agree with these statements about chemistry?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in chemistry -------	○	○	○	○
b) Chemistry is more difficult for me than for many of my classmates ----	○	○	○	○
c) Chemistry is not one of my strengths ----------	○	○	○	○
d) I learn things quickly in chemistry ----------	○	○	○	○
e) Chemistry makes me confused and nervous ----------	○	○	○	○
f) I am good at working out difficult chemistry problems ---------	○	○	○	○
g) My teacher thinks I can do well in chemistry <programs/classes/ lessons> with difficult materials ---	○	○	○	○
h) My teacher tells me I am good at chemistry ----------	○	○	○	○
i) Chemistry is harder for me than any other subject ----------	○	○	○	○

28 (continued)

How much do you agree with these statements about chemistry?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
j) I think learning chemistry will help me in my daily life	○	○	○	○
k) I need chemistry to learn other school subjects	○	○	○	○
l) I need to do well in chemistry to get into the <university> of my choice	○	○	○	○
m) I need to do well in chemistry to get the job I want	○	○	○	○
n) I would like a job that involves using chemistry	○	○	○	○

29

Are you studying physics in school this year?

*Fill **one** circle only.*

Yes -- ○

No -- ○ → (If No, go to question 33)

30

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning physics	○	○	○	○
b) I wish I did not have to study physics	○	○	○	○
c) I read about physics in my spare time	○	○	○	○
d) Physics is boring	○	○	○	○
e) I learn many interesting things in physics	○	○	○	○
f) I like physics	○	○	○	○
g) It is important to do well in physics	○	○	○	○

31

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

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I know what my teacher expects me to do	○	○	○	○
b) I think of things not related to the lesson	○	○	○	○
c) My teacher is easy to understand	○	○	○	○
d) I am interested in what my teacher says	○	○	○	○
e) My teacher gives me interesting things to do	○	○	○	○

32

How much do you agree with these statements about physics?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in physics	○	○	○	○
b) Physics is more difficult for me than for many of my classmates	○	○	○	○
c) Physics is not one of my strengths	○	○	○	○
d) I learn things quickly in physics	○	○	○	○
e) Physics makes me confused and nervous	○	○	○	○
f) I am good at working out difficult physics problems	○	○	○	○
g) My teacher thinks I can do well in physics <programs/classes/ lessons> with difficult materials	○	○	○	○
h) My teacher tells me I am good at physics	○	○	○	○
i) Physics is harder for me than any other subject	○	○	○	○

32 (continued)

How much do you agree with these statements about physics?

*Fill **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
j) I think learning physics will help me in my daily life	○	○	○	○
k) I need physics to learn other school subjects	○	○	○	○
l) I need to do well in physics to get into the <university> of my choice	○	○	○	○
m) I need to do well in physics to get the job I want	○	○	○	○
n) I would like a job that involves using physics	○	○	○	○

Homework

33

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

*Fill **one** circle for each line.*

	Every day	3 or 4 times a week	1 or 2 times a week	Less than once a week	Never
a) Mathematics	○	○	○	○	○
b) Biology	○	○	○	○	○
c) Earth science	○	○	○	○	○
d) Chemistry	○	○	○	○	○
e) Physics	○	○	○	○	○

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

*Fill **one** circle for each line.*

	My teacher never gives me home-work in...	1–15 minutes	16–30 minutes	31–60 minutes	61–90 minutes	More than 90 minutes
a) Mathematics	○	○	○	○	○	○
b) Biology	○	○	○	○	○	○
c) Earth science	○	○	○	○	○	○
d) Chemistry	○	○	○	○	○	○
e) Physics	○	○	○	○	○	○

Thank You!
Thank you for filling out the questionnaire!

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Student Questionnaire

Separate Science Subjects

<Grade 8>

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