

Identification Label

Student ID:

Student Name:

Trends in International Mathematics and Science Study

TIMSS 2007



Student Questionnaire

<Grade 4>

<TIMSS National Research Center Name>

<Address>



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of Educational Achievement
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General Directions

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

Read each question carefully and answer as accurately as possible. You may ask for help if you do not understand something or are not sure how to respond.

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

Example 1

Do you go to school?

Fill in **one** circle only

- Yes ----- ●
No ----- ②

Example 2

How often do you do these things?

Fill in **one** circle for each line

- | | Every day | At least once a week | Once or twice a month | A few times a year | Never |
|---------------------------------|-----------|----------------------|-----------------------|--------------------|-------|
| a) I listen to music ----- | ↓ | ↓ | ↓ | ↓ | ↓ |
| | ① | ② | ● | ④ | ⑤ |
| b) I talk with my friends ----- | ● | ② | ③ | ④ | ⑤ |
| c) I play sports ----- | ① | ● | ③ | ④ | ⑤ |

Example 3

Indicate how much you agree with each of these statements.

Fill in **one** circle for each line

	Agree a lot ↓	Agree a little ↓	Disagree a little ↓	Disagree a lot ↓
a) Watching movies is fun -----	① -----	● -----	③ -----	④ -----
b) I like eating ice cream -----	● -----	② -----	③ -----	④ -----

Read each question carefully, and pick the answer you think is best. Fill in the circle next to or below your answer. If you decide to change an answer to a question, put an “x” over your first choice, and then fill in the circle for your new choice. Ask for help if you do not understand something or are not sure how to answer.

Thank you for your time, effort, and thought in completing this questionnaire.

About You

1

When were you born?

A. Fill in the circle next to the year you were born

Year

1994 -

1995 -

1996 -

1997 -

1998 -

1999 -

2000 -

Other -

B. Fill in the circle next to the month you were born

Month

January -

February -

March -

April -

May -

June -

July -

August -

September -

October -

November -

December -

2

Are you a girl or a boy?

*Fill in **one** circle only*

Girl----- ①

Boy----- ②

3

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

*Fill in **one** circle only*

Always ----- ①

Almost always ----- ②

Sometimes ----- ③

Never ----- ④

About You (Continued)

4

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

Fill in **one** circle 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



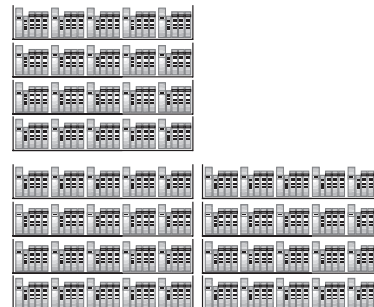
Enough to fill two bookcases
(101-200 books)-----

④ This shows 200 books



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

⑤ This shows more than 200 books



5

Do you have any of these things at your home?

Fill in **one** circle for each line

Yes

No



- a) Calculator ----- ① ----- ②
- b) Computer (do not include PlayStation®, GameCube®, Xbox®, or other TV/video game computers) - ① ----- ②
- c) Study desk/table for your use ----- ① ----- ②
- d) Dictionary ----- ① ----- ②
- e) Internet connection ----- ① ----- ②
- f) <country-specific> ----- ① ----- ②
- g) <country-specific> ----- ① ----- ②
- h) <country-specific> ----- ① ----- ②
- i) <country-specific> ----- ① ----- ②

Mathematics in School

6

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

Fill in **one** circle for each line

- | | Agree
a lot
↓ | Agree
a little
↓ | Disagree
a little
↓ | Disagree
a lot
↓ |
|---|---------------------|------------------------|---------------------------|------------------------|
| a) I usually do well in mathematics ----- | ① ----- | ② ----- | ③ ----- | ④ |
| b) I would like to do more mathematics
in school ----- | ① ----- | ② ----- | ③ ----- | ④ |
| c) Mathematics is harder for me than
for many of my classmates ----- | ① ----- | ② ----- | ③ ----- | ④ |
| d) I enjoy learning mathematics ----- | ① ----- | ② ----- | ③ ----- | ④ |
| e) I am just not good at mathematics --- | ① ----- | ② ----- | ③ ----- | ④ |
| f) I learn things quickly in mathematics | ① ----- | ② ----- | ③ ----- | ④ |
| g) Mathematics is boring ----- | ① ----- | ② ----- | ③ ----- | ④ |
| h) I like mathematics ----- | ① ----- | ② ----- | ③ ----- | ④ |

How often do you do these things in your mathematics lessons?

Fill in **one** circle for each line

- | | Every or
almost
every
lesson
↓ | About
half the
lessons
↓ | Some
lessons
↓ | Never
↓ |
|---|--|-----------------------------------|----------------------|------------|
| a) I practice adding, subtracting, multiplying, and dividing without using a calculator ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| b) I work on fractions and decimals ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| c) I measure things in the classroom and around the school ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| d) I make tables, charts, or graphs ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| e) I learn about shapes such as circles, triangles, rectangles, and cubes ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| f) I memorize how to work problems----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| g) I work with other students in small groups ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| h) I explain my answers ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| i) I work problems on my own----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| j) I use a calculator----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| k) I use a computer----- | ① ----- | ② ----- | ③ ----- | ④ ----- |

Science in School

8

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

Fill in **one** circle for each line

- | | Agree
a lot
↓ | Agree
a little
↓ | Disagree
a little
↓ | Disagree
a lot
↓ |
|---|---------------------|------------------------|---------------------------|------------------------|
| a) I usually do well in science ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| b) I would like to do more science
in school ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| c) Science is harder for me than for
many of my classmates ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| d) I enjoy learning science ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| e) I am just not good at science ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| f) I learn things quickly in science ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| g) Science is boring----- | ① ----- | ② ----- | ③ ----- | ④ ----- |
| h) I like science ----- | ① ----- | ② ----- | ③ ----- | ④ ----- |

In school, how often do you do these things?

Fill in **one** circle for each line

At least once a week	Once or twice a month	A few times a year	Never
↓	↓	↓	↓

- a) I look at something like the weather or a plant growing and write down what I see ----- ① ----- ② ----- ③ ----- ④
- b) I watch the teacher do a science experiment ----- ① ----- ② ----- ③ ----- ④
- c) I design or plan a science experiment or investigation ----- ① ----- ② ----- ③ ----- ④
- d) I do a science experiment or investigation ----- ① ----- ② ----- ③ ----- ④
- e) I work with other students in a small group on a science experiment or investigation ----- ① ----- ② ----- ③ ----- ④
- f) I read books about science ----- ① ----- ② ----- ③ ----- ④
- g) I memorize science facts ----- ① ----- ② ----- ③ ----- ④
- h) I write or give an explanation for something I am studying in science ----- ① ----- ② ----- ③ ----- ④
- i) I work science problems on my own ----- ① ----- ② ----- ③ ----- ④
- j) I use a computer in science lessons -- ① ----- ② ----- ③ ----- ④

Computers

10

A. Do you ever use a computer? (Do not include PlayStation®, GameCube®, XBox®, or other TV/video game computers.)

Yes No
↓ ↓

Fill in **one** circle only ----- ① ----- ②

If **No**, please go to question 11



B. Where do you use a computer?

Fill in **one** circle for each line

Yes No
↓ ↓

a) At home ----- ① ----- ②

b) At school ----- ① ----- ②

c) Elsewhere (e.g., public library,
friend's home, Internet café) ----- ① ----- ②

C. How often do you use a computer for your schoolwork (in and out of school)?

Fill in **one** circle for each line

Every day At least once a week Once or twice a month A few times a year Never
↓ ↓ ↓ ↓ ↓

a) In mathematics ----- ① ----- ② ----- ③ ----- ④ ----- ⑤

b) In science ----- ① ----- ② ----- ③ ----- ④ ----- ⑤

Your School

11

How much do you agree with these statements about your school?

Fill in **one** circle for each line

- | | Agree
a lot
↓ | Agree
a little
↓ | Disagree
a little
↓ | Disagree
a lot
↓ |
|--|---------------------|------------------------|---------------------------|------------------------|
| a) I like being in school ----- | ① | ② | ③ | ④ |
| b) I think that students in my school
try to do their best ----- | ① | ② | ③ | ④ |
| c) I think that teachers in my school
want students to do their best----- | ① | ② | ③ | ④ |

12

In school, did any of these things happen during the last month?

Fill in **one** circle for each line

- | | Yes
↓ | No
↓ |
|--|----------|---------|
| a) Something of mine was stolen ----- | ① | ② |
| b) I was hit or hurt by other student(s)
(for example, shoving, hitting,
kicking)----- | ① | ② |
| c) I was made to do things I didn't
want to do by other students ----- | ① | ② |
| d) I was made fun of or called names --- | ① | ② |
| e) I was left out of activities by other
students ----- | ① | ② |

Things You Do Outside of School

13

On a normal school day, how much time do you spend before or after school doing each of these things?

Fill in **one** circle for each line

	No time	Less than 1 hour	1-2 hours	More than 2 but less than 4 hours	4 or more hours
	↓	↓	↓	↓	↓
a) I watch television and videos -----	① -----	② -----	③ -----	④ -----	⑤ -----
b) I play computer games -----	① -----	② -----	③ -----	④ -----	⑤ -----
c) I play or talk with friends -----	① -----	② -----	③ -----	④ -----	⑤ -----
d) I do jobs at home -----	① -----	② -----	③ -----	④ -----	⑤ -----
e) I play sports -----	① -----	② -----	③ -----	④ -----	⑤ -----
f) I read a book for enjoyment -----	① -----	② -----	③ -----	④ -----	⑤ -----
g) I use the Internet -----	① -----	② -----	③ -----	④ -----	⑤ -----
h) I do homework -----	① -----	② -----	③ -----	④ -----	⑤ -----

Homework

14

A. How often does your teacher give you homework in mathematics?

Fill in **one** circle only

- Every day ----- ①
- 3 or 4 times a week----- ②
- 1 or 2 times a week----- ③
- Less than once a week ----- ④
- Never ----- ⑤

If **Never**, please go to question 15



B. When your teacher gives you mathematics homework, about how many minutes do you usually spend on your homework?

Fill in **one** circle only

- Zero minutes ----- ①
- 1 - 15 minutes ----- ②
- 16-30 minutes ----- ③
- 31-60 minutes ----- ④
- 61-90 minutes ----- ⑤
- More than 90 minutes ----- ⑥

Homework (Continued)

15

A. How often does your teacher give you homework in science?

Fill in **one** circle only

Every day ----- ①

3 or 4 times a week----- ②

1 or 2 times a week----- ③

Less than once a week ----- ④

Never ----- ⑤

If **Never**, please go to question 16



B. When your teacher gives you science homework, about how many minutes do you usually spend on your homework?

Fill in **one** circle only

Zero minutes ----- ①

1 - 15 minutes ----- ②

16-30 minutes ----- ③

31-60 minutes ----- ④

61-90 minutes ----- ⑤

More than 90 minutes ----- ⑥

More About You

16

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

Yes No
↓ ↓

Fill in **one** circle only ----- ① ----- ②

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

Yes No
↓ ↓


Fill in **one** circle only ----- ① ----- ②

17

A. Were you born in <country>?

Yes No
↓ ↓

Fill in **one** circle only ----- ① ----- ②

If **Yes**, you have completed the questionnaire 

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

Fill in **one** circle only

Older than 5 years old ----- ①

1 to 5 years old ----- ②

Younger than 1 year old ----- ③

Thank You

for completing this questionnaire



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

Student Questionnaire

<Grade 4>