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Trends in International Mathematics and Science Study

TIMSS 2007



Student Questionnaire

Grade 4

National Center for Education Statistics

Institute of Education Sciences
U.S. Department of Education
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Washington, D.C. 20006-5650

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. Fill in the oval 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** oval only

Yes -----

No -----

Example 2

How often do you do these things?

Fill in **one** oval 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 -----	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I talk with my friends -----	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I play sports -----	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Example 3

How much do you agree with each of these statements?

Fill in **one** oval for each line

	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"/>

Read each question carefully, and pick the answer you think is best. Fill in the oval next to or below your answer. If you decide to change an answer to a question, completely erase your first choice, and then fill in the oval 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 oval next to the year you were born

- Year**
- 1994 - (A)
- 1995 - (B)
- 1996 - (C)
- 1997 - (D)
- 1998 - (E)
- 1999 - (F)
- 2000 - (G)
- Other - (H)

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

- 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)



2

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 **one or more** ovals*

White ----- ①

Black or African American----- ②

Asian ----- ③

American Indian or Alaska Native ----- ④

Native Hawaiian or other Pacific Islander -- ⑤

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* ↓

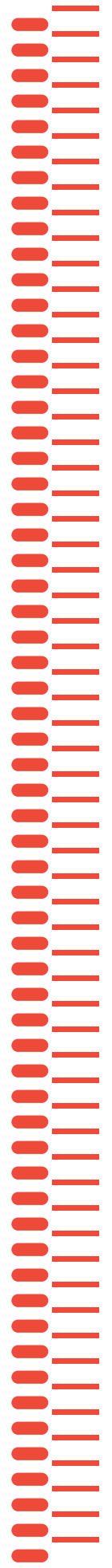
B. What language do you speak at home (other than English)?

Fill in **one** oval only

Spanish ----- ①

Other ----- ②

Please specify _____



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** 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



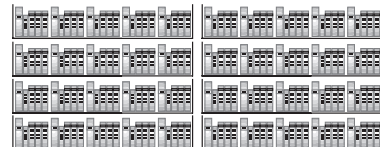
Enough to fill one bookcase
(26-100 books) ----- ③

This shows 100 books



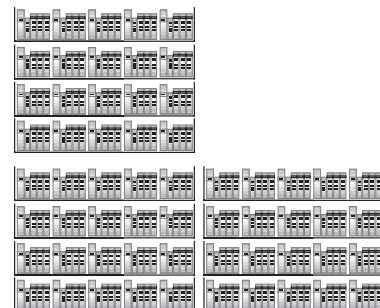
Enough to fill two bookcases
(101-200 books) ----- ④

This shows 200 books



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

This shows more than 200 books

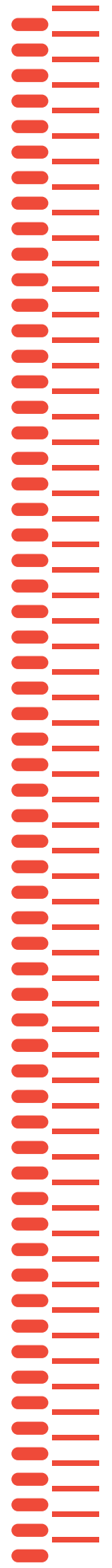


5

Do you have any of these things at your home?

Fill in **one** oval for each line

- | | Yes
↓ | No
↓ |
|--|----------|---------|
| a) Calculator ----- | ① | ② |
| b) Computer (do not include PlayStation®, GameCube®, XBox®, or other TV/video game systems)----- | ① | ② |
| c) Study desk/table for your use ----- | ① | ② |
| d) Dictionary ----- | ① | ② |
| e) Internet connection ----- | ① | ② |
| f) Encyclopedia (as a book or CD) ----- | ① | ② |
| g) PlayStation®, GameCube®, XBox®, or other TV/video game systems ----- | ① | ② |
| h) VCR or DVD player ----- | ① | ② |
| i) Three or more cars, small trucks, or sport utility vehicles ----- | ① | ② |



Mathematics in School

6

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

Fill in **one** oval for each line

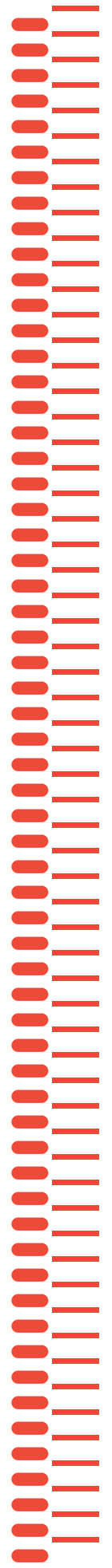
- | | Agree
a lot
↓ | Agree
a little
↓ | Disagree
a little
↓ | Disagree
a lot
↓ |
|---|---------------------|------------------------|---------------------------|------------------------|
| a) I usually do well in mathematics ----- | ① | ② | ③ | ④ |
| b) I would like to do more mathematics
in school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

7

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

Fill in **one** oval 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 mathematics answers-----	①	②	③	④
i) I work mathematics 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?

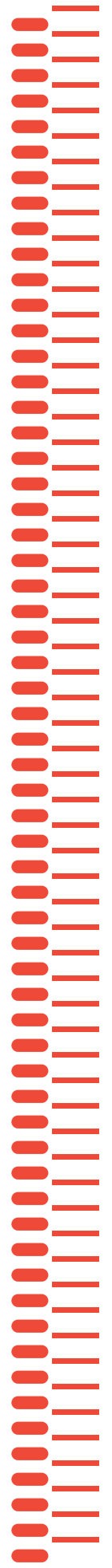
Fill in **one** oval for each line

- | | 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) I enjoy learning science ----- | ① | ② | ③ | ④ |
| d) I learn things quickly in science ----- | ① | ② | ③ | ④ |
| e) I like science ----- | ① | ② | ③ | ④ |
| f) Science is harder for me than for
many of my classmates ----- | ① | ② | ③ | ④ |
| g) I am just not good at science ----- | ① | ② | ③ | ④ |
| h) Science is boring----- | ① | ② | ③ | ④ |

In school, how often do you do these things?

Fill in **one** oval 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 project -----	①	②	③	④
d) I do a science experiment or project -----	①	②	③	④
e) I work with other students in a small group on a science experiment or project -----	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 systems.)

Yes No
↓ ↓

Fill in **one** oval only----- ① ②

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

B. Where do you use a computer?

Fill in **one** oval 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** oval 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** oval 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 most students in my
school try to do their best ----- | ① | ② | ③ | ④ |
| c) I think that most teachers in my
school want students to do their best----- | ① | ② | ③ | ④ |



Things You Do Outside of School

12

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

Fill in **one** oval 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 or chores 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

13

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

Fill in **one** oval 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 14 

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

Fill in **one** oval 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)

14

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

Fill in **one** oval 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 science homework, about how many minutes do you usually spend on your homework?

Fill in **one** oval 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

15

A. Was your mother (or stepmother or female guardian) born in the United States?

("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad.)

Yes No
↓ ↓

Fill in **one** oval only----- ① ②

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

Yes No
↓ ↓

Fill in **one** oval only----- ① ②

16

A. Were you born in the United States?

Yes No
↓ ↓

Fill in **one** oval only----- ① ②

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

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 5 years old ----- ①

1 to 5 years old ----- ②

Younger than 1 year old ----- ③

Thank You
for completing this questionnaire



