



IEA

TIMSS

2023

Identification Label

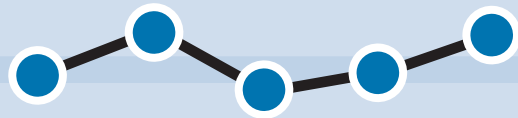
TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Student Questionnaire

<Grade 4>

<TIMSS National Research Center Name>

<Address>



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education
BOSTON COLLEGE

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 **one** circle only.*

Yes -- ☐

No -- ☐

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

Example 2

How often do you do these things?

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

	Every day	Almost every day	Sometimes	Never
a) I talk with my friends	☐	☐	☐	☐
b) I play sports	☐	☐	☐	☐
c) I ride a skateboard	☐	☐	☐	☐

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 **one** circle for each line.*

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	☐	☐	☐	☐
b) Ice cream tastes good	☐	☐	☐	☐
c) Waking up early is difficult	☐	☐	☐	☐
d) I enjoy doing chores	☐	☐	☐	☐

- 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

G1 _____

Which of these describes you?

ASBG01

*Fill **one** circle only.*

Girl -- ☐

Boy -- ☐

<Other> -- ☐

G2 _____

When were you born?

Fill the circles next to the month and year you were born.

ASBG02A

a) Month

b) Year

ASBG02B

January -- ☐

2011 -- ☐

February -- ☐

2012 -- ☐

March -- ☐

2013 -- ☐

April -- ☐

2014 -- ☐

May -- ☐

2015 -- ☐

June -- ☐

2016 -- ☐

July -- ☐

2017 -- ☐

August -- ☐

Other -- ☐

September -- ☐

October -- ☐

November -- ☐

December -- ☐

G3

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

ASBG03

Fill **one** circle only.

I always speak
<language of test> at home -- ☐

I almost always speak
<language of test> at home -- ☐

I sometimes speak <language
of test> and sometimes speak
another language at home -- ☐

I never speak <language
of test> at home -- ☐

G4

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

ASBG04

Fill **one** circle only.

None or very few (0–10 books) -- ☐

This shows 10 books



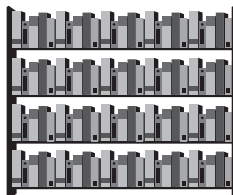
Enough to fill one shelf (11–25 books) -- ☐

This shows 25 books



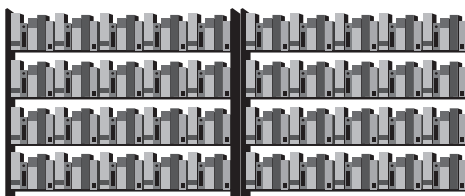
Enough to fill one bookcase
(26–100 books) -- ☐

This shows 100 books



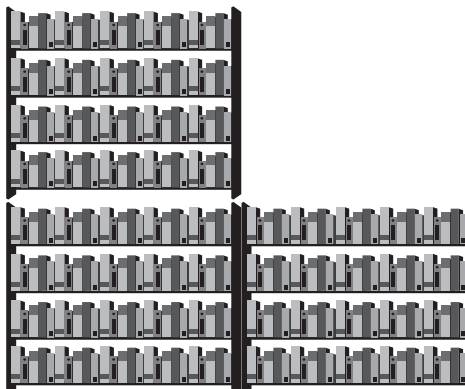
Enough to fill two bookcases
(101–200 books) -- ☐

This shows 200 books



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

This shows more than 200 books



G5

Do you have any of these things at your home?

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

		Yes ↓	No ↓
ASBG05A	a) Your own computer or tablet -----	☐	☐
ASBG05B	b) A shared computer or tablet you can use -----	☐	☐
ASBG05C	c) A smartphone -----	☐	☐
ASBG05D	d) Access to the internet -----	☐	☐
ASBG05E	e) Study desk/table for your use -----	☐	☐
ASBG05F	f) Your own room -----	☐	☐
ASBG05G	g) <country-specific indicator of wealth> -----	☐	☐
ASBG05H	h) <country-specific indicator of wealth> -----	☐	☐
ASBG05I	i) <country-specific indicator of wealth> -----	☐	☐
ASBG05J	j) <country-specific indicator of wealth> -----	☐	☐

The following question is about your <Parent/Guardian A> and <Parent/Guardian B>. <If you have only one parent/guardian, answer for Parent/Guardian A. If you have two parents/guardians, choose one for Parent/Guardian A and the other for Parent/Guardian B.>

G6

Were your <parents/guardians> born in <country>?

A. <Parent/Guardian A>

ASBG06A

*Fill **one** circle only.*

Yes -- ☐

No -- ☐

I don't know -- ☐

Not applicable -- ☐

B. <Parent/Guardian B>

ASBG06B

*Fill **one** circle only.*

Yes -- ☐

No -- ☐

I don't know -- ☐

Not applicable -- ☐

G7

Were you born in <country>?

ASBG07

*Fill **one** circle only.*

Yes -- ☐

No -- ☐

G8

About how often are you absent from school?

ASBG08

*Fill **one** circle only.*

Once a week -- ☐

Once every two weeks -- ☐

Once a month -- ☐

Once every two months -- ☐

Never or almost never -- ☐

G9

How often do you feel this way when you arrive at school?

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

Every
day

Almost
every day

Sometimes

Never

ASBG09A a) I feel tired ☐ — ☐ — ☐ — ☐

ASBG09B b) I feel hungry ☐ — ☐ — ☐ — ☐

G10

How much do you agree with these statements?

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBG10A	a) I can write and edit text on a computer, tablet, or smartphone	--- ○	○	○	○
ASBG10B	b) I can create school presentations using a computer, tablet, or smartphone	 ○	○	○	○
ASBG10C	c) I can create tables, charts, and graphs using a computer, tablet, or smartphone	 ○	○	○	○
ASBG10D	d) I can find information that I need online	 ○	○	○	○
ASBG10E	e) I can tell if a website is trustworthy	 ○	○	○	○
ASBG10F	f) I can easily do new things on computers, laptops, or smartphones	 ○	○	○	○
ASBG10G	g) I can help my friends or family members with using their computers, laptops, or smartphones	 ○	○	○	○

G11

How much do you agree with these statements?

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBG11A	a) I care about the protection of plants and animals	☐	☐	☐	☐
ASBG11B	b) It makes me sad when nature is destroyed	☐	☐	☐	☐
ASBG11C	c) I enjoy finding out what kinds of plants and animals live in my surrounding area	☐	☐	☐	☐
ASBG11D	d) I enjoy being in nature (e.g., <forests, parks, deserts>).....	☐	☐	☐	☐
ASBG11E	e) Addressing climate change should be a high priority	☐	☐	☐	☐

G12

How often do you do these things to help the natural environment?

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

		Every day	Almost every day	Sometimes	Never
ASBG12A	a) I try to reuse things (e.g., <bags, bottles>) -----	☐	☐	☐	☐
ASBG12B	b) I try to use less resources (e.g., <water, food>) -----	☐	☐	☐	☐
ASBG12C	c) I talk about how to help the environment (e.g., <saving water, picking up trash>) -----	☐	☐	☐	☐
ASBG12D	d) I try to learn about environmental problems (e.g., <climate change, endangered animals>) -----	☐	☐	☐	☐
ASBG12E	e) I try to participate in group activities to help the environment -----	☐	☐	☐	☐
ASBG12F	f) I tell my friends when they are doing things that harm the environment -----	☐	☐	☐	☐

Your School

G13

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
ASBG13A	a) I like being in school	☐	☐	☐	☐
ASBG13B	b) I feel safe when I am at school	☐	☐	☐	☐
ASBG13C	c) I feel like I belong at this school	☐	☐	☐	☐
ASBG13D	d) Teachers at this school care about me	☐	☐	☐	☐
ASBG13E	e) I am proud to go to this school	☐	☐	☐	☐
ASBG13F	f) I have friends at this school	☐	☐	☐	☐
ASBG13G	g) Students at this school like me the way I am	☐	☐	☐	☐

G14

During this school year, how often have other students from your school done any of the following things to you in person, through messaging, or through social media?

Fill **one** circle for each line.

		At least once a week	Once or twice a month	A few times a year	Never
ASBG14A	a) Made fun of me or called me names	☐	☐	☐	☐
ASBG14B	b) Left me out of their games or activities	☐	☐	☐	☐
ASBG14C	c) Spread lies about me	☐	☐	☐	☐
ASBG14D	d) Stole something from me	☐	☐	☐	☐
ASBG14E	e) Damaged something of mine on purpose	☐	☐	☐	☐
ASBG14F	f) Hit or hurt me (e.g., shoving, hitting, kicking)	☐	☐	☐	☐
ASBG14G	g) Made me do things I didn't want to do	☐	☐	☐	☐
ASBG14H	h) Sent me nasty or hurtful messages online	☐	☐	☐	☐
ASBG14I	i) Shared nasty or hurtful things about me online	☐	☐	☐	☐
ASBG14J	j) Shared embarrassing photos of me online	☐	☐	☐	☐
ASBG14K	k) Threatened me	☐	☐	☐	☐

MS1

In mathematics lessons, how often do you work on problems on your own?

ASBM01

*Fill **one** circle only.*

Every or almost every lesson -- ☐

About half the lessons -- ☐

Some lessons -- ☐

Never -- ☐

MS2

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
ASBM02A	a) I enjoy learning mathematics -----	☐	☐	☐	☐
ASBM02B	b) I wish I did not have to study mathematics -----	☐	☐	☐	☐
ASBM02C	c) Mathematics is boring -----	☐	☐	☐	☐
ASBM02D	d) I learn many interesting things in mathematics -----	☐	☐	☐	☐
ASBM02E	e) I like mathematics -----	☐	☐	☐	☐
ASBM02F	f) I like any schoolwork that involves numbers -----	☐	☐	☐	☐
ASBM02G	g) I like to solve mathematics problems -----	☐	☐	☐	☐
ASBM02H	h) I look forward to mathematics lessons -----	☐	☐	☐	☐
ASBM02I	i) Mathematics is one of my favorite subjects -----	☐	☐	☐	☐

MS3

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

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBM03A	a) My teacher makes it clear what we should learn in each lesson -----	☐	☐	☐	☐
ASBM03B	b) My teacher is easy to understand --	☐	☐	☐	☐
ASBM03C	c) My teacher has clear answers to my questions -----	☐	☐	☐	☐
ASBM03D	d) My teacher is good at explaining mathematics -----	☐	☐	☐	☐
ASBM03E	e) My teacher does a variety of things to help us learn -----	☐	☐	☐	☐
ASBM03F	f) My teacher explains a topic again when we don't understand ---	☐	☐	☐	☐
ASBM03G	g) My teacher gives me helpful feedback on my work -----	☐	☐	☐	☐
ASBM03H	h) My teacher asks me to show what I have learned -----	☐	☐	☐	☐
ASBM03I	i) My teacher asks me to explain my answers -----	☐	☐	☐	☐

MS4

How often do these things happen in your mathematics lessons?

Fill **one** circle for each line.

		Every or almost every lesson	About half the lessons	Some lessons	Never
ASBM04A	a) Students don't listen to what the teacher says	☐	☐	☐	☐
ASBM04B	b) There is too much noise for students to work well	☐	☐	☐	☐
ASBM04C	c) My teacher has to wait a long time for students to be quiet	☐	☐	☐	☐
ASBM04D	d) Students interrupt the teacher	☐	☐	☐	☐
ASBM04E	e) Students do not follow the classroom rules	☐	☐	☐	☐
ASBM04F	f) Other students' behavior makes it hard for me to concentrate	☐	☐	☐	☐

MS5

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
ASBM05A	a) I usually do well in mathematics ---	☐	☐	☐	☐
ASBM05B	b) Mathematics is harder for me than for many of my classmates ----	☐	☐	☐	☐
ASBM05C	c) I am just not good at mathematics -	☐	☐	☐	☐
ASBM05D	d) Mathematics is easy for me-----	☐	☐	☐	☐
ASBM05E	e) I am good at working out difficult mathematics problems -----	☐	☐	☐	☐
ASBM05F	f) Mathematics is harder for me than any other subject -----	☐	☐	☐	☐
ASBM05G	g) Mathematics makes me confused---	☐	☐	☐	☐

MS6

In science lessons, how often does your teacher ask you to conduct science experiments?

ASBS06

*Fill **one** circle only.*

At least once a week -- ☐

Once or twice a month -- ☐

A few times a year -- ☐

Never -- ☐

MS7

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

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
		↓	↓	↓	↓
ASBS07A	a) I enjoy learning science -----	☐	☐	☐	☐
ASBS07B	b) I wish I did not have to study science -----	☐	☐	☐	☐
ASBS07C	c) Science is boring -----	☐	☐	☐	☐
ASBS07D	d) I learn many interesting things in science -----	☐	☐	☐	☐
ASBS07E	e) I like science -----	☐	☐	☐	☐
ASBS07F	f) I look forward to learning science in school -----	☐	☐	☐	☐
ASBS07G	g) Science teaches me how things in the world work -----	☐	☐	☐	☐
ASBS07H	h) I like to do science experiments ----	☐	☐	☐	☐
ASBS07I	i) Science is one of my favorite subjects -----	☐	☐	☐	☐

MS8

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

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBS08A	a) My teacher makes it clear what we should learn in each lesson-----	☐	☐	☐	☐
ASBS08B	b) My teacher is easy to understand---	☐	☐	☐	☐
ASBS08C	c) My teacher has clear answers to my questions -----	☐	☐	☐	☐
ASBS08D	d) My teacher is good at explaining science -----	☐	☐	☐	☐
ASBS08E	e) My teacher does a variety of things to help us learn -----	☐	☐	☐	☐
ASBS08F	f) My teacher explains a topic again when we don't understand ---	☐	☐	☐	☐
ASBS08G	g) My teacher gives me helpful feedback on my work -----	☐	☐	☐	☐
ASBS08H	h) My teacher asks me to show what I have learned -----	☐	☐	☐	☐
ASBS08I	i) My teacher asks me to explain my answers -----	☐	☐	☐	☐

MS9

How often do these things happen in your
science lessons?

Fill **one** circle for each line.

Every or
almost
every
lesson About
half
the
lessons Some
lessons Never

ASBS09A	a)	Students don't listen to what the teacher says	☐	☐	☐	☐
ASBS09B	b)	There is too much noise for students to work well	☐	☐	☐	☐
ASBS09C	c)	My teacher has to wait a long time for students to be quiet	☐	☐	☐	☐
ASBS09D	d)	Students interrupt the teacher	☐	☐	☐	☐
ASBS09E	e)	Students do not follow the classroom rules	☐	☐	☐	☐
ASBS09F	f)	Other students' behavior makes it hard for me to concentrate	☐	☐	☐	☐

MS10

How much do you agree with these statements about science?

Fill **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBS10A	a) I usually do well in science	☐	☐	☐	☐
ASBS10B	b) Science is harder for me than for many of my classmates ----	☐	☐	☐	☐
ASBS10C	c) I am just not good at science	☐	☐	☐	☐
ASBS10D	d) Science is easy for me.....	☐	☐	☐	☐
ASBS10E	e) Science is harder for me than any other subject	☐	☐	☐	☐
ASBS10F	f) Science makes me confused	☐	☐	☐	☐



Thank You!

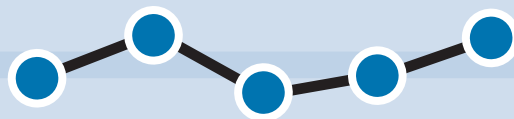
Thank you for filling out the questionnaire!



BOSTON
COLLEGE

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<Grade 4>



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