



TIMSS

2019

Identification Label

TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

Learner Questionnaire

Grade 5

Human Sciences Research Council
134 Pretorius Street, Pretoria, 0002
South Africa

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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?

Shade **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?

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

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.

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I like eating ice cream	<input 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 type="radio"/>	<input type="radio"/>
d) I enjoy doing chores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Read each question carefully, and pick the answer you think is best.
- Shade 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, shade 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

Are you a girl or a boy?

*Shade **one** circle only.*

Girl --

Boy --

G2

When were you born?

Shade 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

2003 --

2004 --

2005 --

2006 --

2007 --

2008 --

2009 --

2010 --

2011 --

2012 --

Other --

G3

A. How often do you speak English at home?

*Shade **one** circle only.*

- Always --
- Almost always --
- Sometimes --
- Never --

B. What language do you speak the most at home?

*Shade **one** circle only.*

- Afrikaans --
- English --
- IsiNdebele --
- Sepedi --
- Sesotho --
- Seswati --
- Setswana --
- Tshivenda --
- IsiXhosa --
- IsiZulu --
- Xitsonga --
- Other --

C. Whom do you live with?

*Shade **all** circles that apply.*

Mother --

Father --

Stepmother --

Stepfather --

Sister or brother --

Grandmother or grandfather --

Aunt or uncle --

Guardian --

I live by myself --

Other --

G4

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

Shade *one* circle only.

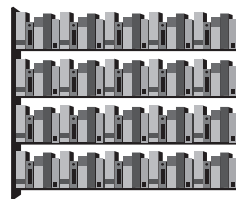
0–10 books -- This shows 10 books



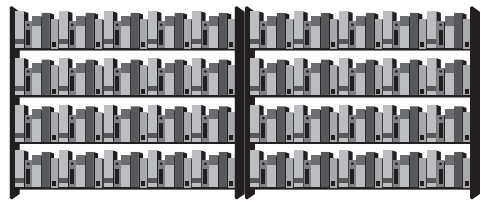
11–25 books -- This shows 25 books



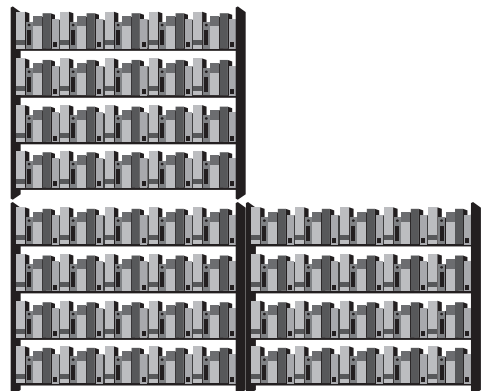
26–100 books -- This shows 100 books



101–200 books -- This shows 200 books



More than 200 -- This shows more than 200 books



G5

Do you have any of these things at your home?

*Shade **one** circle for each line.*

- | | Yes | No |
|---|-----------------------|-----------------------|
| a) A computer or tablet | <input type="radio"/> | <input type="radio"/> |
| b) Study desk/table for your use | <input type="radio"/> | <input type="radio"/> |
| c) Your own room | <input type="radio"/> | <input type="radio"/> |
| d) Internet connection | <input type="radio"/> | <input type="radio"/> |
| e) Your own cell phone..... | <input type="radio"/> | <input type="radio"/> |
| f) Dictionary | <input type="radio"/> | <input type="radio"/> |
| g) Electricity | <input type="radio"/> | <input type="radio"/> |
| h) Running tap water | <input type="radio"/> | <input type="radio"/> |
| i) Hot running water from
a geyser | <input type="radio"/> | <input type="radio"/> |
| j) M-net or DSTV..... | <input type="radio"/> | <input type="radio"/> |
| k) Flush toilet..... | <input type="radio"/> | <input type="radio"/> |
| l) Car..... | <input type="radio"/> | <input type="radio"/> |
| m) Washing machine | <input type="radio"/> | <input type="radio"/> |
| n) Dishwashing machine | <input type="radio"/> | <input type="radio"/> |

G6

- A. Was your mother (or stepmother or female guardian) born in South Africa?

*Shade **one** circle only.*

Yes --

No --

I don't know --

Not applicable --

- B. Was your father (or stepfather or male guardian) born in South Africa?

*Shade **one** circle only.*

Yes --

No --

I don't know --

Not applicable --

G7

- Were you born in South Africa?

*Shade **one** circle only.*

Yes --

No --

G8

About how often are you absent from school?

Shade **one** circle only.

- Once a week --
- Once every two weeks --
- Once a month --
- Once every two months --
- Never or almost never --

G9

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

Shade **one** circle for each line.

- | | Every day | Almost every day | Sometimes | Never |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a) I feel tired | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b) I feel hungry | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

B. How often do you eat breakfast at home on school days?

Shade **one** circle only.

- Every day --
- Most days --
- Sometimes --
- Never or almost never --

C. How do you get to and from school every day?

Shade in as many circles as you need

By car --

By taxi --

By bus --

By bicycle -

Walking --

Other -

D. How long does it take you to get from home to school?

*Shade **one** circle only.*

I am a boarder at the school --

Less than 10 minutes --

10 to 30 minutes --

30 minutes to 1 hour -

More than 1 hour --

Your School

G10

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

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I like being in school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I feel safe when I am at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I feel like I belong at this school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Teachers at my school are fair to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) I am proud to go to this school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

G11

A. During this school year, how often have other learners from your school done any of the following things to you, including through texting or the Internet?

Shade *one* circle for each line.

	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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Left me out of their games or activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Spread lies about me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Stole something from me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Damaged something of mine on purpose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Hit or hurt me (e.g., shoving, hitting, kicking)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Made me do things I didn't want to do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Sent me nasty or hurtful messages online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Shared nasty or hurtful messages about me online.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j) Shared embarrassing photos of me online.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k) Threatened me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

G11 (continued)

B. During this school year, how often have you done any of the following things to anyone in your school including through texting or the Internet?

*Shade **one** circle for each line.*

	At least once a week	Once or twice a month	A few times a year	Never
a) Made fun of someone or called someone names	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Left someone out of my games or activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Spread lies about someone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Stole something from someone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Damaged something that belonged to someone else on purpose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Hit or hurt someone (e.g., <i>shoving, hitting, kicking</i>)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Made someone do things they didn't want to do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Sent someone nasty or hurtful messages online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Shared nasty or hurtful things about someone online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j) Shared embarrassing photos of someone online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k) Threatened someone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

G11 (continued)

C. To whom do you report being bullied?

Shade **one** circle only.

I have not been bullied --

I do not report bullying --

To my friends --

To my teachers --

To my parents --

G12

How often does someone at home do these things?

Shade **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) Ask me what I am learning at school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Talk to me about my schoolwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Make sure that I set aside time or my homework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Check if I do my homework.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

G13

Have you been at this school since Grade 1?

Shade **one** circle only.

Yes --

No --

I don't know --

Mathematics in school

MS1

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

*Shade **one** circle only.*

Every or almost every lesson --

About half the lessons --

Some lessons --

Never --

B. Do you have a mathematics workbook?

*Shade **one** circle only.*

No --

Yes, I have my own workbook --

Yes, I share a workbook
with a classmate --

MS2

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

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I wish I did not have to study mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Mathematics is boring -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I learn many interesting things in mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) I like mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) I like any schoolwork that involves numbers -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) I like to solve mathematics problems -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) I look forward to mathematics lessons -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Mathematics is one of my favourite subjects -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MS3

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

Shade **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 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b) My teacher is easy to understand -- | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c) My teacher has clear answers to my questions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d) My teacher is good at explaining mathematics | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e) My teacher does a variety of things to help us learn | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f) My teacher explains a topic again when we don't understand --- | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

MS4

How often do these things happen in your mathematics lessons?

Shade **one** circle for each line.

	Every or almost every lesson	About half the lessons	Some lessons	Never
a) Learners don't listen to what the teacher says	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) It is too noisy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) It is too disorderly for learners to work well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) My teacher has to wait a long time for learners to quiet down	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Learners interrupt the teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) My teacher has to keep telling us to follow the classroom rules	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MS5

How much do you agree with these statements about mathematics?

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in mathematics ---	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Mathematics is harder for me than for many of my classmates ----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I am just not good at mathematics -	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I learn things quickly in mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Mathematics makes me nervous ----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) I am good at working out difficult mathematics problems -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) My teacher tells me I am good at mathematics -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Mathematics is harder for me than any other subject -----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Mathematics makes me confused---	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Science in school

MS6

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

*Shade **one** circle only.*

At least once a week --

Once or twice a month --

A few times a year --

Never --

B. Do you have a science workbook?

*Shade **one** circle only.*

No --

Yes, I have my own workbook --

Yes, I share a workbook
with a classmate --

MS7

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

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I enjoy learning science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I wish I did not have to study science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Science is boring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I learn many interesting things in science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) I like science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) I look forward to learning science in school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Science teaches me how things in the world work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) I like to do science experiments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Science is one of my favourite subjects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MS8

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

Shade **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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) My teacher is easy to understand --	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) My teacher has clear answers to my questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) My teacher is good at explaining science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) My teacher does a variety of things to help us learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) My teacher explains a topic again when we don't understand ---	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MS9

How much do you agree with these statements about science?

Shade **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) I usually do well in science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Science is harder for me than for many of my classmates ----	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I am just not good at science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I learn things quickly in science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) My teacher tells me I am good at science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Science is harder for me than any other subject	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Science makes me confused	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Thank You!

Thank you for filling out the questionnaire!



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Grade 5



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