

Identification Label



TIMSS

2023

TRENDS IN INTERNATIONAL
MATHEMATICS AND SCIENCE STUDY

Early Learning Survey

<Grade 4>

<TIMSS National Research Center Name>

<Address>



Early Learning Survey

Your child's class has been selected to participate in the Trends in International Mathematics and Science Study (TIMSS). TIMSS is a research study about how children learn to do mathematics and science. The study is sponsored by the International Association for the Evaluation of Educational Achievement (IEA) and is being conducted in more than 60 countries around the world.

This survey asks about your child's early learning experiences. We are interested in what you and your child do together and what you think about different things related to your child's school. There are no right or wrong answers to these questions.

The information being collected will be extremely useful for helping understand how young children learn and for helping to improve the teaching and learning for all children. We ask that you respond to all of the questions you feel comfortable answering. We would like to reassure you, however, that your responses to this survey are confidential.

This survey should be completed by the child's <parent/guardian>, or jointly by both <parents/guardians>.

1

Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him or her?

Check **one** circle for each line.

		Often	Sometimes	Never or almost never
ASBH01A	a) Read books -----	☐	☐	☐
ASBH01B	b) Tell stories -----	☐	☐	☐
ASBH01C	c) Sing songs -----	☐	☐	☐
ASBH01D	d) Play with alphabet toys (e.g., blocks with letters of the alphabet) -----	☐	☐	☐
ASBH01E	e) Talk about things you had done -----	☐	☐	☐
ASBH01F	f) Talk about what you had read -	☐	☐	☐
ASBH01G	g) Play word games -----	☐	☐	☐
ASBH01H	h) Write letters or words -----	☐	☐	☐
ASBH01I	i) Read aloud signs and labels ---	☐	☐	☐
ASBH01J	j) Say counting rhymes or sing counting songs -----	☐	☐	☐
ASBH01K	k) Play with number toys (e.g., blocks with numbers) ---	☐	☐	☐
ASBH01L	l) Count different things -----	☐	☐	☐
ASBH01M	m) Play games involving shapes (e.g., shape sorting toys, puzzles) -----	☐	☐	☐
ASBH01N	n) Play with building blocks or construction toys -----	☐	☐	☐
ASBH01O	o) Play board or card games ----	☐	☐	☐
ASBH01P	p) Write numbers -----	☐	☐	☐
ASBH01Q	q) Draw shapes -----	☐	☐	☐
ASBH01R	r) Measure or weigh things (e.g., when cooking) -----	☐	☐	☐

2

A. Was your child born in <country>?

ASBH02A

Check **one** circle only.

Yes--- ☐ (If Yes, go to #3)

No--- ☐

ASBH02B

If No,

B. How old was your child when he/she came to <country>?

Check **one** circle only.

Younger than 3 years old--- ☐

3 to 5 years old--- ☐

6 to 7 years old--- ☐

8 years old or older--- ☐

3

What language did your child speak before he/she began school?

Check **all** that apply.

ASBH03A

a) <language of test> ----- ☐

ASBH03B

b) <country-specific> ----- ☐

ASBH03C

c) <country-specific> ----- ☐

ASBH03D

d) <country-specific> ----- ☐

ASBH03E

e) <country-specific> ----- ☐

ASBH03F

f) Other ----- ☐

A. Did your child attend the following before <first grade>?*Check **one** circle for each line.*

- | | | Yes | No |
|----------|--|-----------------------|-----------------------|
| ASBH04AA | a) Early childhood educational program or center for children under age 3 ----- | ☐ | ☐ |
| ASBH04AB | b) Pre-primary educational program for children age 3 or older, including <Kindergarten> ----- | ☐ | ☐ |

ASBH04B

B. Approximately, how long was your child in these programs altogether?*Check **one** circle only.*

- Did not attend --- ☐
- Less than 1 year --- ☐
- 1 year --- ☐
- 2 years --- ☐
- 3 years --- ☐
- 4 years or more --- ☐

5

ASBH05

**How old was your child when he/she began the
<first grade> of primary/elementary school?**

Check **one** circle only.

- 5 years old or younger --- ☐
- 6 years old --- ☐
- 7 years old --- ☐
- 8 years old or older --- ☐

6

**How well could your child do the following when
he/she began the <first grade> of primary/
elementary school?**

Check **one** circle for each line.

		Very well	Moderately well	Not very well	Not at all
ASBH06A	a) Recognize the letters of the alphabet -----	☐	☐	☐	☐
ASBH06B	b) Read some words -----	☐	☐	☐	☐
ASBH06C	c) Read sentences -----	☐	☐	☐	☐
ASBH06D	d) Read a story -----	☐	☐	☐	☐
ASBH06E	e) Write letters of the alphabet -----	☐	☐	☐	☐
ASBH06F	f) Write his/her name -----	☐	☐	☐	☐
ASBH06G	g) Write words other than his/her name -----	☐	☐	☐	☐

7

Could your child do the following when he/she began the <first grade> of primary/elementary school?

Check **one** circle for each line.

		Not at all		Up to 10		Up to 20		Up to 100 or higher
ASBH07A	a) Count by himself/herself -----	☐	—	☐	—	☐	—	☐
ASBH07B	b) Recognize written numbers -----	☐	—	☐	—	☐	—	☐
ASBH07C	c) Write numbers -----	☐	—	☐	—	☐	—	☐
				Yes		No		
ASBH07D	d) Do simple addition -----	☐	—	☐				
ASBH07E	e) Do simple subtraction -----	☐	—	☐				

8

What do you think of your child's school?

Check **one** circle for each line.

		Agree a lot	Agree a little	Disagree a little	Disagree a lot
ASBH08A	a) My child's school does a good job including me in my child's education -----	☐	☐	☐	☐
ASBH08B	b) My child's school provides a safe environment -----	☐	☐	☐	☐
ASBH08C	c) My child's school cares about my child's progress in school -----	☐	☐	☐	☐
ASBH08D	d) My child's school does a good job informing me of his/her progress -----	☐	☐	☐	☐
ASBH08E	e) My child's school promotes high academic standards -----	☐	☐	☐	☐
ASBH08F	f) My child's school does a good job in helping him/her become better in <u>reading</u> -----	☐	☐	☐	☐
ASBH08G	g) My child's school does a good job in helping him/her become better in <u>mathematics</u> -----	☐	☐	☐	☐
ASBH08H	h) My child's school does a good job in helping him/her become better in <u>science</u> -----	☐	☐	☐	☐

9

How often do you or someone else in your home do these things with your child?

Check **one** circle for each line.

		Every day	Almost every day	Sometimes	Never
ASBH09A	a) Discuss environmental problems (e.g., <climate change, endangered animals>)	☐	☐	☐	☐
ASBH09B	b) Read or watch information about environmental problems (e.g., <climate change, endangered animals>)	☐	☐	☐	☐
ASBH09C	c) Show him/her how to save resources (e.g., <water, energy>) to help the natural environment	☐	☐	☐	☐
ASBH09D	d) Spend time in nature (e.g., <forest, parks, deserts>)	☐	☐	☐	☐
ASBH09E	e) Encourage him/her to take action to protect the natural environment	☐	☐	☐	☐

10

ASBH10

**About how many books are there in your home?
(Do not count ebooks, magazines, newspapers,
or children's books.)**

Check **one** circle only.

0–10--- ☐

11–25--- ☐

26–100--- ☐

101–200--- ☐

More than 200--- ☐

ASBH11

11

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

Check **one** circle only.

- 0–10--- ☐
- 11–25--- ☐
- 26–50--- ☐
- 51–100--- ☐
- More than 100--- ☐

12

Do you have any of these digital resources in your home?

Check **one** circle for each line.

ASBH12A

	Yes	No
a) A computer or laptop -----	☐	☐

ASBH12B

b) A tablet or e-reader -----	☐	☐
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ASBH12C

c) Reliable internet access-----	☐	☐
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The following questions are about the child's <Parent/Guardian A> and <Parent/Guardian B>. <If the child has only one parent/guardian, answer for Parent/Guardian A. If there are two parents/guardians, choose one for Parent/Guardian A and the other for Parent/Guardian B.>

13

Were the child's <parents/guardians> born in <country>?

ASBH13A

A. <Parent/Guardian A>

Check **one** circle only.

Yes --- ☐

No --- ☐

Not applicable --- ☐

ASBH13B

B. <Parent/Guardian B>

Check **one** circle only.

Yes --- ☐

No --- ☐

Not applicable --- ☐

14

Do the child's <parents/guardians> talk with the child in the following languages?

Check **all** that apply.

ASBH14AA

a) <language of test> ----- ☐

☐

ASBH14AB

ASBH14BA

b) <country-specific> ----- ☐

☐

ASBH14BB

ASBH14CA

c) <country-specific> ----- ☐

☐

ASBH14CB

ASBH14DA

d) <country-specific> ----- ☐

☐

ASBH14DB

ASBH14EA

e) <country-specific> ----- ☐

☐

ASBH14EB

ASBH14FA

f) Other ----- ☐

☐

ASBH14FB

ASBH14GA

g) Not applicable ----- ☐

☐

ASBH14GB

ASBH15

15

How often does your child speak <language of test> at home?

Check **one** circle only.

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

16

What is the highest level of education completed by the child's <parents/guardians>?

Check **one** circle in each column.

ASBH16A

ASBH16B

	<u><Parent / Guardian A></u>	<u><Parent / Guardian B></u>
a) Did not go to school -----	☐	☐
b) Some <Primary education— ISCED Level 1 or Lower secondary education—ISCED Level 2> -----	☐	☐
c) <Lower secondary education— ISCED Level 2> -----	☐	☐
d) <Upper secondary education— ISCED Level 3> -----	☐	☐
e) <Post-secondary, non-tertiary education—ISCED Level 4> -----	☐	☐
f) <Short-cycle tertiary education—ISCED Level 5> -----	☐	☐
g) <Bachelor's or equivalent level—ISCED Level 6> -----	☐	☐
h) <Postgraduate degree: Master's—ISCED Level 7 or Doctor—ISCED Level 8> -----	☐	☐
i) Not applicable -----	☐	☐

ASBH17

17

How far in his/her education do you expect your child to go?

Check **one** circle only.

- Finish <Lower secondary education—ISCED Level 2> --- ☐
- Finish <Upper secondary education—ISCED Level 3> --- ☐
- Finish <Post-secondary, non-tertiary education—ISCED Level 4> --- ☐
- Finish <Short-cycle tertiary education—ISCED Level 5> --- ☐
- Finish <Bachelor's or equivalent level—ISCED Level 6> --- ☐
- Finish <Postgraduate degree: Master's—ISCED Level 7 or Doctor—ISCED Level 8> --- ☐

18

What kind of work do the child's <parents/guardians> do for their main jobs?

For each, check the circle for the job category that best describes what he/she does. Each category has a few examples to help you decide the correct category. If the <parent/guardian> is not working now, think about the last job that he/she had.

Check **one** circle in each column.

ASBH18A

ASBH18B

	<Parent / Guardian A>	<Parent/ Guardian B>
a) Has never worked for pay -----	☐	☐
b) Small Business Owner ----- Includes owners of small businesses (fewer than 25 employees) such as retail shops, services, restaurants	☐	☐
c) Clerical Worker ----- Includes office clerks; secretaries; typists; data entry operators; customer service clerks	☐	☐
d) Service or Sales Worker ----- Includes travel attendants; restaurant service workers; personal care workers; protective service workers; salespersons; street vendors	☐	☐
e) Skilled Agricultural or Fishery Worker ----- Includes farmers; forestry workers; fishery workers; hunters and trappers	☐	☐

Check **one** circle in each column.

	<Parent / Guardian A>	<Parent / Guardian B>
f) Craft or Trade Worker ----- Includes builders, carpenters, plumbers, electricians, metal workers; machine mechanics; handcraft workers	☐	☐
g) Plant or Machine Operator ----- Includes plant and machine operators; assembly-line operators; motor-vehicle drivers	☐	☐
h) General Laborers ----- Includes domestic helpers and cleaners; building caretakers; messengers, porters, and doorkeepers; farm, fishery, agricultural, and construction workers	☐	☐
i) Corporate Manager or Senior Official ----- Includes corporate managers such as managers of large companies (25 or more employees) or managers of departments within large companies; legislators or senior government officials; senior officials of special-interest organizations; military officers	☐	☐
j) Professional ----- Includes scientists; mathematicians; computer scientists; architects; engineers; life science and health professionals; teachers; legal professionals; police officers; social scientists; writers and artists; religious professionals	☐	☐
k) Technician or Associate Professional ----- Includes science, engineering, and computer associates and technicians; life science and health technicians and assistants; teacher aides; finance and sales associate professionals; business service agents; administrative assistants	☐	☐
l) Not applicable -----	☐	☐

19

ASBH19

Do you think your child's learning progress has been negatively impacted by the COVID-19 pandemic?

*Check **one** circle only.*

A lot--- ☐

Somewhat--- ☐

Not at all--- ☐

20

ASBH20

Did your child receive a digital device (e.g., laptop, tablet) from his/her school to use for at-home learning during the COVID-19 pandemic?

*Check **one** circle only.*

Yes--- ☐

No--- ☐

Thank You

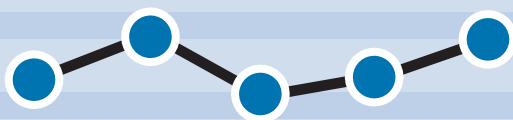
Thank you for taking the time
to fill out this survey.





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