School Questionnaire

<Grade 4>

<TIMSS National Research Center Name>
<Address>
Your school has agreed to participate in TIMSS 2019 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science and studies differences in national education systems in almost 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to school principals and department heads who are asked to supply information about their schools. Since your school has been selected as part of a nationwide sample, your responses are very important in helping to describe primary/elementary education in <country>.

It is important that you answer each question carefully so that the information provided reflects the situation in your school as accurately as possible. Some of the questions will require that you look up school records, so you may wish to arrange for the assistance of another staff member to help provide this information.

Since TIMSS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in <country>. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the study.

It is estimated that you will need approximately 30 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution.

When you have completed the questionnaire, please place it in the accompanying envelope and return it to:

<Insert country-specific information here>.

Thank you.
1. What is the total enrollment of students in your school as of <first day of month TIMSS testing begins, 2019>?  

_____________ students  
Write in the number.

2. What is the total enrollment of <fourth grade> students in your school as of <first day of month TIMSS testing begins, 2019>?  

_____________ students  
Write in the number.

3. Approximately what percentage of students in your school have the following backgrounds?  

Check one circle for each line.  

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 10%</td>
<td>A</td>
</tr>
<tr>
<td>11 to 25%</td>
<td>B</td>
</tr>
<tr>
<td>26 to 50%</td>
<td>C</td>
</tr>
<tr>
<td>More than 50%</td>
<td>D</td>
</tr>
</tbody>
</table>

a) Come from economically disadvantaged homes

b) Come from economically affluent homes

4. Approximately what percentage of students in your school have <language of test> as their native language?  

Check one circle only.  

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 90%</td>
<td>A</td>
</tr>
<tr>
<td>76 to 90%</td>
<td>B</td>
</tr>
<tr>
<td>51 to 75%</td>
<td>C</td>
</tr>
<tr>
<td>26 to 50%</td>
<td>D</td>
</tr>
<tr>
<td>25% or less</td>
<td>E</td>
</tr>
</tbody>
</table>

5. A. How many people live in the city, town, or area where your school is located?  

Check one circle only.  

<table>
<thead>
<tr>
<th>Population</th>
<th>Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 500,000</td>
<td>A</td>
</tr>
<tr>
<td>100,001 to 500,000</td>
<td>B</td>
</tr>
<tr>
<td>50,001 to 100,000</td>
<td>C</td>
</tr>
<tr>
<td>30,001 to 50,000</td>
<td>D</td>
</tr>
<tr>
<td>15,001 to 30,000</td>
<td>E</td>
</tr>
<tr>
<td>3,001 to 15,000</td>
<td>F</td>
</tr>
<tr>
<td>3,000 people or fewer</td>
<td>G</td>
</tr>
</tbody>
</table>

B. Which best describes the immediate area in which your school is located?  

Check one circle only.  

<table>
<thead>
<tr>
<th>Area</th>
<th>Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban—Densely populated</td>
<td>A</td>
</tr>
<tr>
<td>Suburban—On fringe or outskirts of urban area</td>
<td>B</td>
</tr>
<tr>
<td>Medium size city or large town</td>
<td>C</td>
</tr>
<tr>
<td>Small town or village</td>
<td>D</td>
</tr>
<tr>
<td>Remote rural</td>
<td>E</td>
</tr>
</tbody>
</table>
For the <fourth grade> students in your school:

A. How many days per year is your school open for instruction?

__________ days
Write in the number.

B. What is the total instructional time, excluding breaks, in a typical day?

__________ minutes
Write in the number of minutes per day.
Please convert the number of hours into minutes.

C. In one calendar week, how many days is the school open for instruction?

Check one circle only.

- 6 days ---
- 5 1/2 days ---
- 5 days ---
- 4 1/2 days ---
- 4 days ---
- Other ---
7. How many computers (including tablets) does your school have for use by <fourth grade> students?
   ___________ computers
   Write in the number.

8. A. Does your school have a science laboratory that can be used by <fourth grade> students?
   Check one circle only.
   Yes --- ○
   No --- ○

     B. Do teachers usually have assistance available when students are conducting science experiments?
   Check one circle only.
   Yes --- ○
   No --- ○

9. Does your school use an online learning management system to support learning (e.g., teacher-student communication, management of grades, student access to course materials)?
   Check one circle only.
   Yes --- ○
   No --- ○

10. A. Does your school have a school library?
     Check one circle only.
     Yes --- ○
     No --- ○
     (If No, go to #11)

    If Yes,
    B. Approximately how many books (print) with different titles does your school library have (exclude magazines and periodicals)?
   Check one circle only.
   2,000 books or fewer --- ○
   More than 2,000 books --- ○

11. Does your school have classroom libraries?
   Check one circle only.
   Yes --- ○
   No --- ○

12. Does your school provide students access to digital learning resources (e.g., books, videos)?
   Check one circle only.
   Yes --- ○
   No --- ○
How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Check one circle for each line.

<table>
<thead>
<tr>
<th></th>
<th>Not at all</th>
<th>A little</th>
<th>Some</th>
<th>A lot</th>
</tr>
</thead>
</table>

### A. General School Resources

- a) Instructional materials (e.g., textbooks)  
- b) Supplies (e.g., papers, pencils, materials)  
- c) School buildings and grounds  
- d) Heating/cooling and lighting systems  
- e) Instructional space (e.g., classrooms)  
- f) Technologically competent staff  
- g) Audio-visual resources for delivery of instruction (e.g., interactive whiteboards, digital projectors)  
- h) Computer technology for teaching and learning (e.g., computers or tablets for student use)  
- i) Resources for students with disabilities  

### B. Resources for Mathematics Instruction

- a) Teachers with a specialization in mathematics  
- b) Computer software/applications for mathematics instruction  
- c) Library resources relevant to mathematics instruction  
- d) Calculators for mathematics instruction  
- e) Concrete objects or materials to help students understand quantities or procedures  

### C. Resources for Science Instruction

- a) Teachers with a specialization in science  
- b) Computer software/applications for science instruction  
- c) Library resources relevant to science instruction  
- d) Science equipment and materials for experiments
**School Emphasis on Academic Success**

How would you characterize each of the following within your school?

*Check one circle for each line.*

<table>
<thead>
<tr>
<th>Very high</th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
<th>Very low</th>
</tr>
</thead>
</table>

a) Teachers’ understanding of the school’s curricular goals

b) Teachers’ degree of success in implementing the school’s curriculum

c) Teachers’ expectations for student achievement

d) Teachers’ ability to inspire students

e) Parental involvement in school activities

f) Parental commitment to ensure that students are ready to learn

g) Parental expectations for student achievement

h) Parental support for student achievement

i) Students’ desire to do well in school

j) Students’ ability to reach school’s academic goals

k) Students’ respect for classmates who excel academically

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**School Discipline and Safety**

To what degree is each of the following a problem among <fourth grade> students in your school?

*Check one circle for each line.*

<table>
<thead>
<tr>
<th>Not a problem</th>
<th>Minor problem</th>
<th>Moderate problem</th>
<th>Serious problem</th>
</tr>
</thead>
</table>

a) Arriving late at school

b) Absenteeism (i.e., unjustified absences)

c) Classroom disturbance

d) Cheating

e) Profanity

f) Vandalism

g) Theft

h) Intimidation or verbal abuse among students (including texting, emailing, etc.)

i) Physical fights among students

j) Intimidation or verbal abuse of teachers or staff (including texting, emailing, etc.)

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To what degree is each of the following a problem among teachers in your school?

*Check one circle for each line.*

<table>
<thead>
<tr>
<th>Not a problem</th>
<th>Minor problem</th>
<th>Moderate problem</th>
<th>Serious problem</th>
</tr>
</thead>
</table>

a) Arriving late or leaving early

b) Absenteeism

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<Grade 4> School Questionnaire
### School Readiness

About how many of the students in your school can do the following when they begin the **first grade** of primary/elementary school?

*Check one circle for each line.*

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 25%</td>
<td>O O O O</td>
</tr>
<tr>
<td>25–50%</td>
<td>O O O O</td>
</tr>
<tr>
<td>51–75%</td>
<td>O O O O</td>
</tr>
<tr>
<td>More than 75%</td>
<td>O O O O</td>
</tr>
</tbody>
</table>

- a) Recognize most of the letters of the alphabet
- b) Read some words
- c) Read sentences
- d) Write letters of the alphabet
- e) Write their names
- f) Write words other than their names
- g) Count up to 100 or higher
- h) Recognize written numbers from 1-10
- i) Recognize written numbers higher than 10
- j) Write numbers from 1-10
- k) Do simple addition
- l) Do simple subtraction

### Principal Experience and Education

**18**

By the end of this school year, how many years will you have been a principal altogether?

__________ years

*Please round to the nearest whole number.*

**19**

By the end of this school year, how many years will you have been a principal at this school?

__________ years

*Please round to the nearest whole number.*

**20**

What is the highest level of formal education you have completed?

*Check one circle only.*

- Did not complete **<Bachelor's or equivalent level—ISCED Level 6>**
- **<Bachelor's or equivalent level—ISCED Level 6>**
- **<Master's or equivalent level—ISCED Level 7>**
- **<Doctor or equivalent level—ISCED Level 8>**

**21**

Do you hold the following qualifications or credentials in educational leadership?

*Check one circle for each line.*

- a) **<Certificate or license>**
- b) **<Master's or equivalent level—ISCED Level 7>**
- c) **<Doctor or equivalent level—ISCED Level 8>**
Thank you for the thought, time, and effort you have put into completing this questionnaire.