Your school has agreed to participate in TIMSS 2011 (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 more than 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 secondary 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, 2010/2011>?

_____________ students
Write in a number.

2. What is the total enrollment of <eighth-grade> students in your school as of <first day of month TIMSS testing begins, 2010/2011>?

_____________ students
Write in a 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 Range</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 10%</td>
<td>☐</td>
</tr>
<tr>
<td>11 to 25%</td>
<td>☐</td>
</tr>
<tr>
<td>26 to 50%</td>
<td>☐</td>
</tr>
<tr>
<td>More than 50%</td>
<td>☐</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 Range</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 90%</td>
<td>☐</td>
</tr>
<tr>
<td>76 to 90%</td>
<td>☐</td>
</tr>
<tr>
<td>51 to 75%</td>
<td>☐</td>
</tr>
<tr>
<td>26 to 50%</td>
<td>☐</td>
</tr>
<tr>
<td>25% or less</td>
<td>☐</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.

- More than 500,000 people -- ☐
- 100,001 to 500,000 people -- ☐
- 50,001 to 100,000 people -- ☐
- 15,001 to 50,000 people -- ☐
- 3,001 to 15,000 people -- ☐
- 3,000 people or fewer -- ☐

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

Check one circle only.

- Urban—Densely populated -- ☐
- Suburban—On fringe or outskirts of urban area -- ☐
- Medium size city or large town -- ☐
- Small town or village -- ☐
- Remote rural -- ☐

C. Which best characterizes the average income level of the school’s immediate area?

Check one circle only.

- High -- ☐
- Medium -- ☐
- Low -- ☐
Instructional Time

6

For the <eighth-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?

_________ hours and __________ minutes
Write in the number of hours and 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 --- ○

Resources and Technology

7

What is the total number of computers that can be used for instructional purposes by <eighth-grade> students?

___________ computers
Write in the number.

8

A. Does your school have a science laboratory that can be used by <eighth-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 --- ○
How much is your school’s capacity to provide instruction affected by a shortage or inadequacy of the following?

**A. General School Resources**

a) Instructional materials (e.g., textbooks)

b) Supplies (e.g., papers, pencils)

c) School buildings and grounds

d) Heating/cooling and lighting systems

e) Instructional space (e.g., classrooms)

f) Technologically competent staff

**B. Resources for Mathematics Instruction**

a) Teachers with a specialization in mathematics

b) Computers for mathematics instruction

c) Computer software for mathematics instruction

d) Library materials relevant to mathematics instruction

e) Audio-visual resources for mathematics instruction

f) Calculators for mathematics instruction

**C. Resources for Science Instruction**

a) Teachers with a specialization in science

b) Computers for science instruction

c) Computer software for science instruction

d) Library materials relevant to science instruction

e) Audio-visual resources for science instruction

f) Calculators for science instruction

g) Science equipment and materials

Check one circle for each line.
### A. How often does your school do the following for parents concerning individual students?

**Check one circle for each line.**

<table>
<thead>
<tr>
<th>Event</th>
<th>Never</th>
<th>Once a year</th>
<th>2–3 times a year</th>
<th>More than 3 times a year</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Inform parents about their child’s learning progress</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) Inform parents about the behavior and well-being of their child at school</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) Discuss parents’ concerns or wishes about their child’s learning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) Support individual parents in helping their child with schoolwork</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B. How often does your school ask parents to do the following?

**Check one circle for each line.**

<table>
<thead>
<tr>
<th>Event</th>
<th>Never</th>
<th>Once a year</th>
<th>2–3 times a year</th>
<th>More than 3 times a year</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Volunteer for school projects, programs, and trips</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) Serve on school committees</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. How often does your school do the following for parents in general?

**Check one circle for each line.**

<table>
<thead>
<tr>
<th>Event</th>
<th>Never</th>
<th>Once a year</th>
<th>2–3 times a year</th>
<th>More than 3 times a year</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Inform parents about the overall academic achievement of the school (e.g., results of national tests, results of inspections of learning)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) Inform parents about school accomplishments (e.g., tournament results, facility improvements)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) Inform parents about the educational goals and pedagogic principles of the school</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) Inform parents about the rules of the school</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) Discuss parents’ concerns or wishes about the school’s organization (e.g., rules and regulations, time tables, safety measures)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f) Provide parents with additional learning materials (e.g., books, computer software) for their child to use at home</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g) Organize workshops or seminars for parents on learning or pedagogical issues</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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' job satisfaction

b) Teachers' understanding of the school's curricular goals

c) Teachers' degree of success in implementing the school's curriculum

d) Teachers' expectations for student achievement

e) Parental support for student achievement

f) Parental involvement in school activities

g) Students' regard for school property

h) Students' desire to do well in school

A. To what degree is each of the following a problem among <eighth-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 injury to other students

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

k) Physical injury to teachers or staff

B. 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

<Grade 8> School Questionnaire
13

In your school, are any of the following used to evaluate the practice of <eighth-grade> mathematics teachers?

Check one circle for each line.

Yes  No

a) Observations by the principal or senior staff
b) Observations by inspectors or other persons external to the school
c) Student achievement
d) Teacher peer review

14

In your school, are any of the following used to evaluate the practice of <eighth-grade> science teachers?

Check one circle for each line.

Yes  No

a) Observations by the principal or senior staff
b) Observations by inspectors or other persons external to the school
c) Student achievement
d) Teacher peer review

15

How difficult was it to fill <eighth-grade> teaching vacancies for this school year for the following subjects?

Check one circle for each line.

Were no vacancies in this subject

Easy to fill vacancies

Somewhat difficult

Very difficult

a) Mathematics
b) Science

16

Does your school currently use any incentives (e.g., pay, housing, signing bonus, smaller classes) to recruit or retain <eighth-grade> teachers in the following fields?

Check one circle for each line.

Yes  No

a) Mathematics
b) Science
c) Other
Leadership Activities

During the past year, approximately how much time have you spent on the following school leadership activities in your role as a school principal?

Check one circle for each line.

**No time**  |  **Some time**  |  **A lot of time**
---|---|---
a) Promoting the school’s educational vision or goals |

b) Developing the school’s curricular and educational goals |

c) Monitoring teachers’ implementation of the school’s educational goals in their teaching |

d) Monitoring students’ learning progress to ensure that the school’s educational goals are reached |

e) Keeping an orderly atmosphere in the school |

f) Ensuring that there are clear rules for student behavior |

g) Addressing disruptive student behavior |

h) Creating a climate of trust among teachers |

i) Initiating a discussion to help teachers who have problems in the classroom |

j) Advising teachers who have questions or problems with their teaching |

k) Visiting other schools or attending educational conferences for new ideas |

l) Initiating educational projects or improvements |

m) Participating in professional development activities specifically for school principals
Thank you for the thought, time, and effort you have put into completing this questionnaire.
Thank you for the thought, time, and effort you have put into completing this questionnaire.