



2003

General Directions

Your school has agreed to participate in TIMSS 2003, a large international study of student learning in mathematics and science in more than 50 countries around the world. Sponsored by the International Association for the Evaluation of Educational Achievement (IEA), TIMSS (for Trends in International Mathematics and Science Study) is measuring trends in student achievement and studying differences in national education systems in order to help improve the teaching and learning of mathematics and science 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

The School Characteristics

<Some of the questions in this questionnaire ask about your school in general. If your school has a wide range of grades, please try to answer such questions with regard to the <junior secondary / middle school / basic> grades.>

3

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

F. one

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 -----○

Fewer than 3,000 people -----○

2

A. What is the total school enrollment (number of students) in all grades?

N b : _____

B. What is the enrollment in the <eighth grade>?

N b : _____

5

A. Of the students who were enrolled in your school at the start of this school year, about what percentage is still enrolled?

F. one a

- 96 to 100% -----○
- 90 to 95% -----○
- 80 to 89% -----○
- Less than 80% -----○

B. What percentage of the students in your school enrolled after the beginning of the school year?

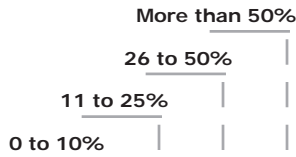
F. one a

- Less than 5% -----○
- 5 to 10% -----○
- 11 to 20% -----○
- More than 20% -----○

6

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

F. one a



- a) Come from economically disadvantaged homes -----○ ---○ ---○ ---○
- b) Come from economically affluent homes -----○ ---○ ---○ ---○

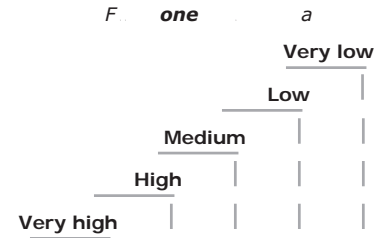
B. Approximately what percentage of students in your school have <language of test> as their native language?

F. one a

- More than 90% -----○
- 76 to 90% -----○
- 50 to 75% -----○
- Less than 50% -----○

7

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



- 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 -----○ ---○ ---○ ---○ ---○

Your Role as Principal

8

Including this year, how long have you been principal of this school?

Number of years: _____

9

By the end of this school year, approximately what percentage of time in your role as principal will you have spent on these activities?

Total _____ 100%

- a) Administrative duties (e.g., hiring, budgeting, scheduling) ----- %
- b) Instructional leadership (e.g., developing curriculum and pedagogy) ----- %
- c) Supervising and evaluating teachers and other staff ----- %
- d) Teaching ----- %
- e) Public relations and fundraising -- %
- f) Other ----- %
- Total** ----- 100%

Parental Involvement

10

Does your school expect parents to do the following?

For one answer
 Yes _____ No _____

- a) Attend special events (e.g., science fair, concert, sporting events) ----- Yes ----- No
- b) Raise funds for the school ----- Yes ----- No
- c) Volunteer for school projects, programs, and trips ----- Yes ----- No
- d) Ensure that their child completes his/her homework ----- Yes ----- No
- e) Serve on school committees (e.g., select school personnel, review school finances) ----- Yes ----- No

<Eighth-grade> Instruction in Mathematics and Science

11

A. How many days per year is your school open for instruction for <eighth-grade> students?

N b a : _____

B. How many instructional days are there in the school week (typical calendar week from Monday through Sunday) for <eighth-grade> students?

F... *one* ... a ...
Number of Number of

<Eighth-grade> Teachers in Your School

15 How does your school organize science instruction for <eighth-grade> students with different levels of ability?

- F. **one** a
- Students study the same science curriculum -----○
- Students study the same science curriculum, but at different levels of difficulty -----○
- Students study different science curricula according to their ability levels -----○

16 Are <eighth-grade> students in your school grouped by ability within their science classes?

- No
Yes
- F. **one** a -----○ ---○

17 Does your school do any of the following for students in the <eighth grade>?

- F. **one** a No
Yes
- a) Offer enrichment science -----○ ---○
- b) Offer remedial science -----○ ---○

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

- F. **one** a
- Very difficult
Somewhat difficult
Easy to fill vacancies
Were no vacancies in this subject
- a) Mathematics -----○ ---○ ---○ ---○
- b) Science -----○ ---○ ---○ ---○
- c) Computer science / information technology -----○ ---○ ---○ ---○

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

- F. **one** a No
Yes
- a) Mathematics -----○ ---○
- b) Science -----○ ---○
- c) Other -----○ ---○

How often does each of the following problem behaviors occur among <eighth-grade> students in your school?

If the behavior occurs, how severe a problem does it present?

A. Frequency in your school

B. Severity of problem in your school

	F	o	n	e	a		F	o	n	e	a
						Daily					
						Weekly					
						Monthly				Serious problem	
						Rarely				Minor problem	
						Never				Not a problem	
a) Arriving late at school	-----○	---	○	---	○	---	○	---	○	-----○	---
b) Absenteeism (i.e., unjustified absences)	-----○	---	○	---	○	---	○	---	○	-----○	---
c) Skipping class <hours/periods>	-----○	---	○	---	○	---	○	---	○	-----○	---
d) Violating dress code	-----○	---	○	---	○	---	○	---	○	-----○	---
e) Classroom disturbance	-----○	---	○	---	○	---	○	---	○	-----○	---
f) Cheating	-----○	---	○	---	○	---	○	---	○	-----○	---
g) Profanity	-----○	---	○	---	○	---	○	---	○	-----○	---
h) Vandalism	-----○	---	○	---	○	---	○	---	○	-----○	---
i) Theft	-----○	---	○	---	○	---	○	---	○	-----○	---
j) Intimidation or verbal abuse of other students	-----○	---	○	---	○	---	○	---	○	-----○	---
k) Physical injury to other students	-----○	---	○	---	○	---	○	---	○	-----○	---
l) Intimidation or verbal abuse of teachers or staff	-----○	---	○	---	○	---	○	---	○	-----○	---
m) Physical injury to teachers or staff	-----○	---	○	---	○	---	○	---	○	-----○	---

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A. What is the total number of computers in your school that can be used for educational purposes by <eighth-grade> students?

N *b* : _____



TIMSS International Study Center
Boston College
Chestnut Hill, MA 02467

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