



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 sample, your responses are very important in helping to describe the school system 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.

Please identify a time and place where you will be able to complete this questionnaire without being interrupted. This should require no more than 30 minutes. To make it as easy as possible for you to respond, most questions may be answered simply by filling in the appropriate circle.

Once you have completed the questionnaire, place it in the return envelope provided and return it to: <Country Specific Information>

Thank you very much for the time and effort you have put into responding to this questionnaire.

The School Characteristics

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

Fi i one ci cei

- 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?

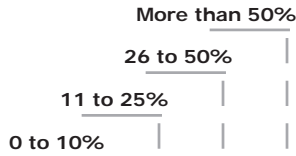
Fi i one ci cei

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

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

Fi i one ci cei each i



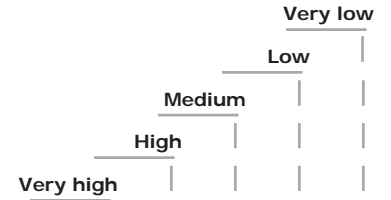
- a) Come from economically disadvantaged homes -----○ ---○ ---○ ---○
- b) Come from economically affluent homes -----○ ---○ ---○ ---○

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

7

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

Fi i one ci cei each i



- 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 -----○ ---○ ---○ ---○ ---○



<Fourth-grade> Instruction in Mathematics and Science

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

Number of days : _____

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

Fill one circle each

Number of FULL days (over 4 hours)	Number of HALF days (4 hours or less)
--	---

- | | | |
|--------------|---|---|
| 1 day ----- | ○ | ○ |
| 2 days ----- | ○ | ○ |
| 3 days ----- | ○ | ○ |
| 4 days ----- | ○ | ○ |
| 5 days ----- | ○ | ○ |
| 6 days ----- | ○ | ○ |
| None ----- | ○ | ○ |

C. To the nearest half-hour, what is the total instructional time in a typical full day (excluding lunch breaks, study hall, and after school activities) for <fourth-grade> students?

Fill one circle

- 4 hours or less ----- ○
- 4.5 hours ----- ○
- 5 hours ----- ○
- 5.5 hours ----- ○
- 6 hours ----- ○
- 6.5 hours or more ----- ○

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How does your school organize mathematics instruction for <fourth-grade> students with different levels of ability?

Fill one circle

Students study the same mathematics curriculum ----- ○

Students study the same mathematics curriculum, but at different levels of difficulty ----- ○

Students study different mathematics curricula according to their ability levels ----- ○

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Are <fourth-grade> students in your school grouped by ability within their mathematics lessons?

No
 Yes

Fill one circle ----- ○

<Fourth-grade> Teachers in Your School

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

Fi i one ci cei

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 <fourth-grade> students in your school grouped by ability within their science lessons?

No

Yes

Fi i one ci cei -----○

17

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

Fi i one di ce f each i

No

Yes

a) Offer enrichment science -----○

b) Offer remedial science -----○

18

How difficult was it to fill <fourth-grade> teaching vacancies for this school year?

Fi i one ci cei

Were no vacancies -----○

Easy to fill vacancies -----○

Somewhat difficult -----○

Very difficult -----○

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Does your school currently use any incentives (e.g., pay, housing, signing bonus) to recruit or retain <fourth-grade> teachers?

No

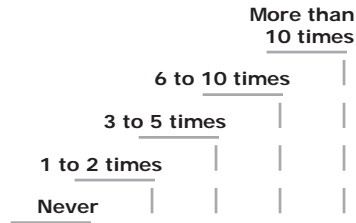
Yes

Fi i one ci cei -----○

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During this school year, how often have your <fourth-grade> teachers been involved in professional development opportunities for mathematics and science targeted at the following?

*F i i **one** c i c e f each i*



- a) Supporting the implementation of the national or regional curriculum ---- ---- ---- ---- ----
- b) Designing or supporting the school's own improvement goals ---- ---- ---- ---- ----
- c) Improving content knowledge ---- ---- ---- ---- ----
- d) Improving teaching skills ----- ---- ---- ---- ----
- e) Using information and communication technology for educational purposes ----- ---- ---- ---- ----

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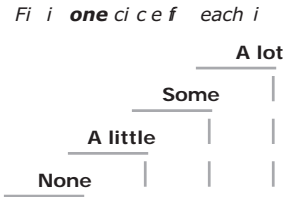
In your school, are any of the following used to evaluate the practice of <fourth-grade> teachers?

*F i i **one** c i c e f each i*



- 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 ----- ----

Resources and Technology



a) Instructional materials

24

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

Number of computers: _____

If **None**, skip to question 25

B. How many of these computers have access to the Internet (e-mail or World Wide Web) for educational purposes?

For each of the following

All -----

Most -----

Some -----

None -----

25

A. Is anyone available to help your teachers use information and communication technology for teaching and learning?

Yes No

If **one** or more -----

If **No**, indicate the need for help

B. Which of the following statements best



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