Identification Label

Stratum ID:

School ID:

IEA Third International Mathematics and Science Study - Repeat

School Questionnaire
Main Survey

Your school has been selected to participate in the Third International Mathematics and Science Study - Repeat (TIMSS-R), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS-R is investigating student achievement in mathematics and science in about forty countries around the world. It is designed to measure and interpret differences in national education systems in order to help improve the teaching and learning of mathematics and science worldwide.

This school 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. It is estimated that it will require approximately 45 minutes to complete this questionnaire.

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

<Insert country-specific information here>.

Your cooperation in completing this questionnaire is greatly appreciated.

TIMSS Study Center
Boston College
Chestnut Hill, MA 02467
USA

(Institute Address)

TIMSS-R Ref.No. 98-0039
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1. In what type of community is your school located?

*Check **one** box only.*

A geographically isolated area ..... ☐

Village or rural (farm) area ..... ☐

One on the outskirts of a town/city ..... ☐

One close to the center of a town/city ..... ☐

2. How many of the following are on the staff of your school?

For each type of position listed, provide the number of full-time equivalents (FTEs) present in your school. For example, one full-time (100% time) teacher represents 1 FTE; one part-time (50% time) teacher represents .5 FTE. A staff member who teaches 50% time and functions as an assistant principal for the remaining 50% represents .5 FTE teacher and .5 FTE assistant principal. Write in 0 (zero) if there are no such positions in your school.

	Number of FTEs
a) Principals	_____
b) Assistant principals	_____
c) Department heads	_____
d) <Classroom teachers>	_____
e) Teacher aides	_____
f) Laboratory technicians	_____
g) Learning specialists	_____
h) Other professional staff	_____

3a. How many individual full-time <classroom teachers> are there in your school?

Write in a number.

_____

3b. How many individual part-time <classroom teachers> are there in your school?

Write in a number.

_____

4. What percentage of the <classroom teachers> have been at your school for 5 or more years?

Please indicate a percentage.Write 0 (zero) if none.

_____%

5. How long do students in your school typically stay with the same teacher?

(For schools with more than lower secondary students, please answer for lower secondary students only.)

*Check **one** box in each line.*

		One school year or less	***Two school years***	***Three school years***	***Four or more school years***	***Not applicable***
a)	Mathematics	☐	☐	☐	☐	☐
b)	<General/Integrated Science> .	☐	☐	☐	☐	☐
c)	<Biology>	☐	☐	☐	☐	☐
d)	<Chemistry>	☐	☐	☐	☐	☐
e)	<Earth Science>	☐	☐	☐	☐	☐
f)	<Physics>	☐	☐	☐	☐	☐

6. Cooperation and Collaboration:

*Check **one** box in each line.*

		Yes	***No***
a)	Does your school have an official policy related to promoting cooperation and collaboration among teachers?	☐	☐
b)	Are teachers in your school encouraged to share and discuss instructional ideas and materials?	☐	☐
c)	Do teachers in your school meet regularly to discuss instructional goals and issues?	☐	☐

7. As principal of this school, about how many hours per month do you usually spend on each of the following activities?

*Please indicate the approximate **number** of whole hours for each item. Please write 0 (zero) if no time is spent on an activity.*

		Whole hours per month
a)	Hiring teachers	_____
b)	Representing the school in the community	_____
c)	Representing the school at official meetings	_____
d)	Internal administrative tasks (e.g., regulations, school budget, timetable)	_____
e)	Teaching (including preparation)	_____
f)	Giving a demonstration lesson	_____
g)	Discussing educational objectives with teachers	_____
h)	Initiating curriculum revision and/or planning	_____
i)	Talking with parents	_____
j)	Counseling and disciplining of students	_____
k)	Responding to requests from <district>, <state>, or <national> education officials	_____
l)	Training teachers	_____
m)	Professional development activities	_____
n)	Other activities	_____

8. With regard to your school, who has primary responsibility for each of the following activities?

*Check **one** box in each line. If more than one level has responsibility, check the highest level.*

		<Not a school responsibility>	*<School's governing board>*	*Principal*	*<Department head>*	*Teachers*
a)	Hiring teachers	☐	☐	☐	☐	☐
b)	Establishing disciplinary policies	☐	☐	☐	☐	☐
c)	Establishing student grading policies	☐	☐	☐	☐	☐
d)	Formulating the school budget	☐	☐	☐	☐	☐
e)	Purchasing supplies	☐	☐	☐	☐	☐
f)	Placing students in classes	☐	☐	☐	☐	☐
g)	Assigning teachers to classes	☐	☐	☐	☐	☐
h)	Determining which textbooks are used	☐	☐	☐	☐	☐
i)	Establishing homework policies	☐	☐	☐	☐	☐
j)	Determining teacher salaries	☐	☐	☐	☐	☐
k)	Establishing community relationships	☐	☐	☐	☐	☐
l)	Communicating with students' families	☐	☐	☐	☐	☐
m)	Determining course content	☐	☐	☐	☐	☐
n)	Deciding which courses are offered	☐	☐	☐	☐	☐

9. How much influence do each of the following have in determining the curriculum that is taught in your school?

*Check **one** box in each line.*

		None	***A little***	***Some***	***A lot***
a)	<National Curriculum Council>	☐	☐	☐	☐
b)	<National Subject Association>	☐	☐	☐	☐
c)	<educational region or district>	☐	☐	☐	☐
d)	<school governing board>	☐	☐	☐	☐
e)	Principal/head of school	☐	☐	☐	☐
f)	Teachers (collectively for the school)	☐	☐	☐	☐
g)	Teachers (of same subject) as a group	☐	☐	☐	☐
h)	Each teacher individually	☐	☐	☐	☐
i)	Parents	☐	☐	☐	☐
j)	Students	☐	☐	☐	☐
k)	Church/religious groups	☐	☐	☐	☐
l)	Business community	☐	☐	☐	☐
m)	Textbook publishers	☐	☐	☐	☐
n)	External examinations/standardized tests	☐	☐	☐	☐
o)	Teacher unions	☐	☐	☐	☐

10. Does your school have its own written statement of the curriculum content to be taught (i.e., other than the national or regional curriculum guides)?

*Check **one** box in each line.*

		Yes	***No***
a)	For mathematics	☐	☐
b)	For science	☐	☐

11. Has your school developed instructional activities or learning materials to address the curriculum taught in your school?

*Check **one** box in each line.*

		Yes	***No***
a)	For mathematics	☐	☐
b)	For science	☐	☐

12. Is your school's capacity to provide instruction affected by a shortage or inadequacy of any of the following?

*Check **one** box in each line.*

		None	***A little***	***Some***	***A lot***
a)	Instructional materials (e.g., textbooks)	☐	☐	☐	☐
b)	Budget for supplies (e.g., paper, pencils)	☐	☐	☐	☐
c)	School buildings and grounds	☐	☐	☐	☐
d)	Heating/cooling and lighting systems	☐	☐	☐	☐
e)	Instructional space (e.g., classrooms)	☐	☐	☐	☐
f)	Special equipment for handicapped students	☐	☐	☐	☐
g)	Computers for mathematics instruction	☐	☐	☐	☐
h)	Computer software for mathematics instruction	☐	☐	☐	☐
i)	Calculators for mathematics instruction	☐	☐	☐	☐
j)	Library materials relevant to mathematics instruction	☐	☐	☐	☐
k)	Audio-visual resources for mathematics instruction	☐	☐	☐	☐
l)	Science laboratory equipment and materials	☐	☐	☐	☐
m)	Computers for science instruction	☐	☐	☐	☐
n)	Computer software for science instruction	☐	☐	☐	☐
o)	Calculators for science instruction	☐	☐	☐	☐
p)	Library materials relevant to science instruction	☐	☐	☐	☐
q)	Audio-visual resources for science instruction	☐	☐	☐	☐
r)	Teachers qualified to teach mathematics	☐	☐	☐	☐
s)	Teachers qualified to teach <General/Integrated Science>	☐	☐	☐	☐
t)	Teachers qualified to teach <Biology>	☐	☐	☐	☐
u)	Teachers qualified to teach <Chemistry>	☐	☐	☐	☐
v)	Teachers qualified to teach <Earth Science>	☐	☐	☐	☐
w)	Teachers qualified to teach <Physics>	☐	☐	☐	☐

13. The students in your school:

Write in the answer for each of the following. Write 0 (zero) if there are none.

		Boys	***Girls***
a)	What is the total school enrollment (number of students)?	_____	_____
b)	On a typical school day, what percentage of students are absent from school for any reason?	_____ %	
c)	About what percentage of students who begin the year in your school also finish the year in your school?	_____ %	
d)	What percentage of the students in your school transfer into your school after the beginning of the school year?	_____ %	

ALL remaining questions refer to <U-GRADE> students in your school.

14. Concerning <U-GRADE> students...

		Boys	*Girls*
a)	How many students are in <U-GRADE>?	_____	_____
b)	How many students in <U-GRADE> are repeating the grade?	_____	_____
c)	What is the approximate average class size in <U-GRADE>?	_____	
d)	How many <U-GRADE> students are in multi-grade classrooms?	_____	

15a. What is the total number of computers in your school that can be used by students in <U-GRADE> for instructional activities?

Number of computers for students

_____

15b. In addition to the computers indicated above, how many other computers can be used by <U-GRADE> teachers (not students) for instructional purposes?

Number of computers for teachers

_____

15c. TOTAL number of computers that can be used for instructional purposes by either students or teachers.

***Add** the numbers indicated in parts a and b.*

Total number of computers

_____

16. Does your school have access to the Internet for instructional/educational purposes?

*Check **one** box only.*

Yes ☐ ***No*** ☐

If no,

a) Is your school planning to get Internet access? ..... ***Yes*** ☐ ***No*** ☐

b) If yes to (a), when do you expect the school to get Internet access? .. _____ *year*

(Skip to Question 17.)

If yes,

*Check **one** box in each line.*

	None	***1 to 25%***	***26 to 50%***	***51 to 75%***	***76 to 100%***
c) What percentage of the computers listed in Question 15 have access to e-mail?	☐	☐	☐	☐	☐
d) What percentage have access to the World Wide Web?	☐	☐	☐	☐	☐

Has your school <or school system> made any of the following materials available on the World Wide Web?

*Check **one** box in each line.*

	Yes	***No***
e) information about the school	☐	☐
f) mathematics curriculum guidelines	☐	☐
g) science curriculum guidelines	☐	☐
h) mathematics instructional activities	☐	☐
i) science instructional activities	☐	☐

17a. About how often does the school administration or staff have to deal with the following behaviors among <U-GRADE> students?

17b. To what extent do these behaviors present a problem in your school?

*Check **one** box for Frequency and **one** box for Severity on each line.*

	Frequency in your school					**Severity of Problem in your school**		
	Never	***Rarely***	***Monthly***	***Weekly***	***Daily***	***Not a problem***	***Minor problem***	***Serious 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	☐	☐	☐	☐	☐	☐	☐	☐
n) <tobacco use/possession>	☐	☐	☐	☐	☐	☐	☐	☐
o) <alcohol use/possession>	☐	☐	☐	☐	☐	☐	☐	☐
p) <illegal drug use/possession>	☐	☐	☐	☐	☐	☐	☐	☐
q) <weapon use/possession>	☐	☐	☐	☐	☐	☐	☐	☐
r) <inappropriate sexual behavior>	☐	☐	☐	☐	☐	☐	☐	☐

18. For the <U-GRADE> students in your school:

a) How many instructional days are in the school year? ..... _____ *days*

b) How many ***full*** instructional days (over 4 hours) are there in the school week (typical calendar week from Monday through Sunday)? ..... _____ *days*

c) How many ***half*** instructional days (4 hours or less) are there in the school week? ..... _____ *half days*

d) How many hours (60-minute hours) ***in total*** are there in the school week? *(include lunch breaks, study hall time, and after school activities)* ..... _____ *hours*

e) How many hours (60-minute hours) of ***instruction*** are there in the school week? (*exclude lunch breaks, study hall time, and after school activities)* ..... _____ *hours*

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19. Is the school week divided into instructional <hours/periods> for your <U-GRADE> students?

*Check **one**.*

Yes ☐ ***No*** ☐

If yes,

a) How many ***instructional*** periods are there in a school week (typical calendar week from Monday through Sunday)? ..... _____ *periods*

b) How many minutes is a typical instructional period? ..... _____ *minutes*

20. Schools sometimes organize instruction differently for students with different abilities and interests in mathematics. Which of the following does your school do for students in the <U-GRADE>?

*Check **one** box in each line.*

		Yes	***No***
a)	All classes study similar content, but at different levels of difficulty (e.g., setting or streaming).	☐	☐
b)	Students are grouped by ability within their mathematics classes. .	☐	☐
c)	Enrichment mathematics is offered.	☐	☐
d)	Remedial mathematics is offered.	☐	☐
e)	Different classes study different content or sets of mathematics topics (i.e, students are tracked).	☐	☐

If yes to (e), how many courses or tracks are there? _____ *number of courses/tracks*

21. If all students do not follow the same course of study in mathematics, how important are each of the following factors in deciding which courses of study in mathematics a <U-GRADE> student takes?

*Check **one** box in each line.*

		Not important	***Somewhat important***	***Moderately important***	***Very important***	***Not applicable***
a)	academic performance	☐	☐	☐	☐	☐
b)	performance on a standardized test	☐	☐	☐	☐	☐
c)	performance on an entrance examination	☐	☐	☐	☐	☐
d)	performance on an oral examination	☐	☐	☐	☐	☐
e)	teacher recommendations	☐	☐	☐	☐	☐
f)	parental wishes	☐	☐	☐	☐	☐
g)	the student's own wishes	☐	☐	☐	☐	☐
h)	curricular requirements	☐	☐	☐	☐	☐

22. Schools sometimes organize instruction differently for students with different abilities and interests in science. Which of the following does your school do for students in the <U-GRADE>?

*Check **one** box in each line.*

		Yes	***No***
a)	All classes study similar content, but at different levels of difficulty (e.g., setting or streaming).	☐	☐
b)	Students are grouped by ability within their science classes.	☐	☐
c)	Enrichment science is offered.	☐	☐
d)	Remedial science is offered.	☐	☐
e)	Different classes study different content or sets of science topics (i.e, students are tracked).	☐	☐

If yes to (e), how many courses or tracks are there? _____ *number of courses/tracks*

23. If all students do not follow the same course of study in science, how important are each of the following factors in deciding which courses of study in science a <U-GRADE> student takes?

*Check **one** box in each line.*

		Not important	***Somewhat important***	***Moderately important***	***Very important***	***Not applicable***
a)	academic performance	☐	☐	☐	☐	☐
b)	performance on a standardized test	☐	☐	☐	☐	☐
c)	performance on an entrance examination	☐	☐	☐	☐	☐
d)	performance on an oral examination	☐	☐	☐	☐	☐
e)	teacher recommendations	☐	☐	☐	☐	☐
f)	parental wishes	☐	☐	☐	☐	☐
g)	the student's own wishes	☐	☐	☐	☐	☐
h)	curricular requirements	☐	☐	☐	☐	☐

24. On what basis are pupils admitted to your school?

*Check **one** box in each line.*

		Yes	*No*
a)	residence in a particular area	☐	☐
b)	student's academic performance	☐	☐
c)	interview with student	☐	☐
d)	interview with parent(s)	☐	☐
e)	preference given to students with older brothers or sisters in the school	☐	☐
f)	preference given according to date of application	☐	☐
g)	recommendation of previous teachers	☐	☐
h)	preference given to students from a particular school	☐	☐
i)	preference given to children of former students	☐	☐
j)	performance on a standardized test	☐	☐
k)	performance on an entrance examination	☐	☐
l)	performance on an oral examination	☐	☐
m)	other	☐	☐

25. Based on your experience, does your school expect parents to...

*Check **one** box in each line.*

		Yes	*No*
a)	notify the school about any problems their child may be having at home or with classmates?	☐	☐
b)	serve as teacher aides in the classroom?	☐	☐
c)	raise funds for the school?	☐	☐
d)	volunteer for school projects and programs?	☐	☐
e)	be sure that their child completes his/her homework?	☐	☐
f)	assist teachers on trips?	☐	☐
g)	prepare their child's lunchbox?	☐	☐
h)	patrol the grounds of the school to monitor student behavior?	☐	☐
i)	serve on committees which select school personnel?	☐	☐
j)	serve on committees which review school finances?	☐	☐

THANK YOU for your thought, time, and effort in answering these questions.