



School ID #	Completion Status
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="checkbox"/>

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 the United States.

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 60 minutes to complete this questionnaire.

When you have completed the questionnaire, please return it to the TIMSS-R Coordinator in your school.

Your cooperation in completing this questionnaire is greatly appreciated.

TIMSS Study Center  
Boston College  
Chestnut Hill, MA 02467  
USA

National Center for Education Statistics  
U.S. Department of Education  
555 New Jersey Avenue, N.W.  
Washington, D.C. 20208

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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.*

- |                                   | <i>Number<br/>of FTEs</i> |
|-----------------------------------|---------------------------|
| 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 each of the following subjects?**

*(For schools with more than middle school students, please answer for middle school students only.)*

*Check one box in each line.*

	<i>One school year or less</i>	<i>Two school years</i>	<i>Three school years</i>	<i>Four or more school years</i>	<i>Not applicable</i>
a) Mathematics .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) General Science .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Biology .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Chemistry .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Earth Science .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Physics .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**6. Cooperation and Collaboration:**

*Check one box in each line.*

	<i>Yes</i>	<i>No</i>
a) Does your school have an official policy related to promoting cooperation and collaboration among teachers? .....	<input type="checkbox"/>	<input type="checkbox"/>
b) Are teachers in your school encouraged to share and discuss instructional ideas and materials? .....	<input type="checkbox"/>	<input type="checkbox"/>
c) Do teachers in your school meet regularly to discuss instructional goals and issues? .....	<input type="checkbox"/>	<input type="checkbox"/>

**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.*

	<b>Whole hours per month</b>
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.*

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

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

*Check one box in each line.*

	<i>None</i>	<i>A little</i>	<i>Some</i>	<i>A lot</i>
a) Voluntary National Standards .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) National subject area associations .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) State or district officials .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Local school board .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Principal/head of school .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Teachers (collectively for the school) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Teachers (of same subject) as a group .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Each teacher individually .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Parents .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) Students .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Church/religious groups .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) Business community .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) Textbook publishers .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n) External examinations/standardized tests .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o) Teacher unions .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**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.*

	<i>Yes</i>	<i>No</i>
a) For mathematics .....	<input type="checkbox"/>	<input type="checkbox"/>
b) For science .....	<input type="checkbox"/>	<input type="checkbox"/>

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

*Check one box in each line.*

	<i>Yes</i>	<i>No</i>
a) For mathematics .....	<input type="checkbox"/>	<input type="checkbox"/>
b) For science .....	<input type="checkbox"/>	<input type="checkbox"/>

**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.*

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

**13. The students in your school:**

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

- |                                                                                                                           | <i>Boys</i> | <i>Girls</i> |
|---------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 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? ..... | _____       | %            |

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**13e. Around the first of October 1998, what percentage of students at this school were eligible to receive free or reduced-price lunches through the National School Lunch Program?**

*(Check None if zero (0), or write in a percent.)*

None \_\_\_\_\_ or \_\_\_\_\_ %



**ALL remaining questions refer to Grade 8 students in your school.**

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**14. Concerning grade 8 students...**

- |                                                                   | <i>Boys</i> | <i>Girls</i> |
|-------------------------------------------------------------------|-------------|--------------|
| a) How many students are in grade 8? .....                        | _____       | _____        |
| b) How many students in grade 8 are repeating the grade? .....    | _____       | _____        |
| c) What is the approximate average class size in grade 8? .....   | _____       |              |
| d) How many grade 8 students are in multi-grade classrooms? ..... | _____       |              |
- 

**15a. What is the total number of computers in your school that can be used by students in grade 8 for instructional activities?**

*Number  
of computers  
for students*

\_\_\_\_\_

**15b. In addition to the computers indicated above, how many other computers can be used by grade 8 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.*

- |                                                                                        | <i>None</i>              | <i>1 to<br/>25%</i>      | <i>26 to<br/>50%</i>     | <i>51 to<br/>75%</i>     | <i>76 to<br/>100%</i>    |
|----------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| c) What percentage of the computers listed in Question 15 have access to e-mail? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) What percentage have access to the World Wide Web? .....                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Has your school made any of the following materials available on the World Wide Web?**

*Check one box in each line.*

- |                                               | <b>Yes</b>               | <b>No</b>                |
|-----------------------------------------------|--------------------------|--------------------------|
| e) information about the school .....         | <input type="checkbox"/> | <input type="checkbox"/> |
| f) mathematics curriculum guidelines .....    | <input type="checkbox"/> | <input type="checkbox"/> |
| g) science curriculum guidelines .....        | <input type="checkbox"/> | <input type="checkbox"/> |
| h) mathematics instructional activities ..... | <input type="checkbox"/> | <input type="checkbox"/> |
| i) science instructional activities .....     | <input type="checkbox"/> | <input type="checkbox"/> |

**17a. About how often does the school administration or staff have to deal with the following behaviors among grade 8 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		
	<i>Never</i>	<i>Rarely</i>	<i>Monthly</i>	<i>Weekly</i>	<i>Daily</i>	<i>Not a problem</i>	<i>Minor problem</i>	<i>Serious problem</i>
a) arriving late at school .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) absenteeism (i.e., unjustified absences) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) skipping class periods .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) violating dress code .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) classroom disturbance .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) cheating .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) profanity .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) vandalism .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) theft .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) intimidation or verbal abuse of other students .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) physical injury to other students .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) intimidation or verbal abuse of teachers or staff .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) physical injury to teachers or staff .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n) tobacco use/possession .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o) alcohol use/possession .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p) illegal drug use/possession .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q) weapon use/possession .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r) inappropriate sexual behavior....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**18. For the grade 8 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*

**19. Is the school week divided into instructional periods for your grade 8 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 grade 8?**

*Check one box in each line.*

- |                                                                                                              | <i>Yes</i>               | <i>No</i>                |
|--------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| a) All classes study similar content, but at different levels of difficulty. ....                            | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Students are grouped by ability within their mathematics classes. .                                       | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Advanced/honors mathematics is offered. ....                                                              | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Remedial mathematics is offered. ....                                                                     | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Different classes study different content or sets of mathematics topics (i.e, students are tracked). .... | <input type="checkbox"/> | <input type="checkbox"/> |

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 is each of the following factors in deciding which courses of study in mathematics a grade 8 student takes?**

*Check one box in each line.*

- |                                                 | <i>Not<br/>important</i> | <i>Somewhat<br/>important</i> | <i>Moderately<br/>important</i> | <i>Very<br/>important</i> | <i>Not<br/>applicable</i> |
|-------------------------------------------------|--------------------------|-------------------------------|---------------------------------|---------------------------|---------------------------|
| a) academic performance .....                   | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| b) performance on a standardized test .....     | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| c) performance on an entrance examination ..... | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| d) performance on an oral examination .....     | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| e) teacher recommendations .....                | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| f) parental wishes .....                        | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| g) the student's own wishes .....               | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| h) curricular requirements .....                | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |

- 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 grade 8?**

*Check one box in each line.*

- |                                                                                                          | <i>Yes</i>               | <i>No</i>                |
|----------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| a) All classes study similar content, but at different levels of difficulty. ....                        | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Students are grouped by ability within their science classes. ....                                    | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Advanced/honors science is offered. ....                                                              | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Remedial science is offered. ....                                                                     | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Different classes study different content or sets of science topics (i.e, students are tracked). .... | <input type="checkbox"/> | <input type="checkbox"/> |

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 is each of the following factors in deciding which courses of study in science a grade 8 student takes?**

*Check one box in each line.*

- |                                                 | <i>Not<br/>important</i> | <i>Somewhat<br/>important</i> | <i>Moderately<br/>important</i> | <i>Very<br/>important</i> | <i>Not<br/>applicable</i> |
|-------------------------------------------------|--------------------------|-------------------------------|---------------------------------|---------------------------|---------------------------|
| a) academic performance .....                   | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| b) performance on a standardized test .....     | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| c) performance on an entrance examination ..... | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| d) performance on an oral examination .....     | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| e) teacher recommendations .....                | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| f) parental wishes .....                        | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| g) the student's own wishes .....               | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |
| h) curricular requirements .....                | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/>        | <input type="checkbox"/>  | <input type="checkbox"/>  |

**24. On what basis are pupils admitted to your school?***Check one box in each line.*

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

**25. Based on your experience, does your school expect parents to...***Check one box in each line.*

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

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