



# OECD Programme for International Student Assessment 2003

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT



Learning  
for Living

*Canada  
English*

## SCHOOL QUESTIONNAIRE

PISA SCHOOL ID  -

SCHOOL NAME \_\_\_\_\_



Council of Ministers of Education, Canada  
Conseil des ministres de l'Éducation (Canada)

STC/SSD-040-75140



Statistics  
Canada

Statistique  
Canada

**Canada**

*International Project Consortium:*

Australian Council for Educational Research (ACER)  
Netherlands National Institute for Educational  
Measurement (CITO Group)  
Educational Testing Service (ETS, USA)  
National Institute for Educational Policy  
Research (NIER, Japan)  
Westat (USA)

*In Canada:*

Council of Ministers of Education, Canada (CMEC)  
Human Resources Development Canada (HRDC)  
Statistics Canada (STC)



This questionnaire asks for information about:

- the characteristics of the school;
- the student body;
- teachers in the school;
- some of the pedagogical practices of the school, sometimes with particular regard to mathematics;
- the school's resources;
- some of the administrative structures within the school.

This information may, for example, help to establish the impact of resource distribution on student achievements — both within and between countries. It may also help to establish the impact of different teaching strategies and practices on student achievement.

**The questionnaire should be completed by the principal or designate.**

It should take about 30 minutes to complete.

If you do not know an answer precisely, your best estimate will be adequate for the purposes of the study.

**Your answers will be kept confidential. They will be combined with answers from other principals to calculate totals and averages in which no one school can be identified.**

**Preliminary Note:**

Sometimes you will be asked about:

- the whole of your school; or
- 15-year-olds within your school; or,
- the grade level at which most 15-year-olds are studying.





**Q1 Which of the following best describes the community in which your school is located?**

*(Please mark only one box.)*

- A village, hamlet or rural area (fewer than 3 000 people) ..... <sub>1</sub>
- A small town (3 000 to about 15 000 people) ..... <sub>2</sub>
- A town (15 000 to about 100 000 people) ..... <sub>3</sub>
- A city (100 000 to about 1 000 000 people) ..... <sub>4</sub>
- A large city with over 1 000 000 people ..... <sub>5</sub>

**Q2 As of March 31, 2003, what was the total school enrolment (number of students)?**

*(Please write a number in each row. Write 0 (zero) if there are none.)*

a) Number of boys: \_\_\_\_\_

b) Number of girls: \_\_\_\_\_

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**Q3 Is your school a public or a private school?**

*(Please mark only one box.)*

A public school .....  <sub>1</sub>

*(This is a school managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by public franchise.)*

A private school .....  <sub>2</sub>

*(This is a school managed directly or indirectly by a non-government organisation; e.g., a church, trade union, business, or other private institution.)*

**Q4 About what percentage of your total funding for a typical school year comes from the following sources?**

*(Please write a number in each row. Write 0 (zero) if no funding comes from that source.)*

- |  |   |       |
|--|---|-------|
|  | % |       |
| a) Government (includes local, regional, provincial and federal) .....       |   | _____ |
| b) Student fees or school charges paid by parents .....                      |   | _____ |
| c) Benefactors, donations, bequests, sponsorships, parent fund raising ..... |   | _____ |
| d) Other .....   |   | _____ |

Total	100%
-------	------





**Q5 Are the following grade levels found in your school?**

*(Please mark one box on each row.)*

	<i>Yes</i>	<i>No</i>
a) Grade 1.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) Grade 2.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
c) Grade 3.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
d) Grade 4.....	<input checked="" type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
e) Grade 5.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
f) Grade 6.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
g) Grade 7.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
h) Grade 8.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
i) Grade 9 (Manitoba: Senior 1).....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
j) Grade 10 (Manitoba: Senior 2; Newfoundland: Level I).....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
k) Grade 11 (Manitoba: Senior 3; Newfoundland: Level II) ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
l) Grade 12 (Manitoba: Senior 4; Newfoundland: Level III)...	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
m) Grade 13.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
n) Ungraded school.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>





**Q6 About what percentage of students in your school repeated a grade, at these grade levels, last academic year?**

*(Please write a number in each row. Write 0 (zero) if nobody repeated a grade. Mark the not applicable box if the grade level does not appear in your school.)*

The approximate percentage of students in grades 7-9 (Manitoba: Senior 1) who repeated a grade in this school last year was: .....

% *Not applicable*

997

The approximate percentage of students in grades 10-13 (Manitoba: Senior 2 - 4, Newfoundland: Level I - III) who repeated a grade in this school last year was: .....

997

For information only





The following is a list of grade levels that may be in your school and that are available to 15-year-old students.

- Grade 7-9 ((Manitoba : Grade7- Senior 1)
- Grade 10-13 (Manitoba : Senior 2-4; Newfoundland: Level I-III)

**Q7 For each of these grade levels in your school:**

*(Please write a number in each row for each grade level in your school.)*

	Grade 7-9 (Manitoba: Grade 7-Senior 1)	Grade 10-13 (Manitoba : Senior 2-4 Newfoundland: Level I-III)
a) How many instructional weeks are in the school year? .....	_____	_____
b) How many <u>hours</u> <b>in total</b> are there in the school week? (include lunch, breaks, study hall time, and after school activities).....	_____	_____
c) How many <u>hours</u> for <b>instruction</b> are there in the school week? (exclude lunch, breaks and after school activities) .....	_____	_____





**Q8 Is your school's capacity to provide instruction hindered by a shortage or inadequacy of any of the following?**

*(Please mark one box in each row.)*

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
a) Qualified mathematics teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Qualified science teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Qualified english teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input checked="" type="checkbox"/> <sub>4</sub>
d) Qualified french as-a-second-language teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Qualified other language teachers .....	<input type="checkbox"/> <sub>1</sub>	<input checked="" type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Experienced teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Supply/replacement teachers .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) Support personnel .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
i) Instructional materials (e.g. textbooks) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) Budget for supplies (e.g. paper, pencils) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
k) School buildings and grounds .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
l) Heating/cooling and lighting systems .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
m) Instructional space (e.g. classrooms) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
n) Special equipment for disabled students .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
o) Computers for instruction .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
p) Computer software for instruction .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>







	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
q) Calculators for instruction .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
r) Library materials .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
s) Audio-visual resources .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
t) Science laboratory equipment and materials .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q9 In your school, about how many computers are:**

*(Please write a number in each row. Write 0 (zero) if there are none.)*

	<i>Number</i>
a) in the school altogether? .....	_____
b) available to 15-year-old students? .....	_____
c) available only to teachers? .....	_____
d) available only to administrative staff? .....	_____
e) connected to the Internet/World Wide Web? .....	_____
f) connected to a local area network (LAN, Intranet)? .....	_____

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**Q10 How much consideration is given to the following factors when students are admitted to your school?**

*(Please mark one box in each row.)*

	<i>Prerequisite</i>	<i>High priority</i>	<i>Considered</i>	<i>Not considered</i>
a) Residence in a particular area .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Student's academic record (including placement tests) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Recommendation of feeder schools .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Parents' endorsement of the instructional or religious philosophy of the school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Student need or desire for a special program .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Attendance of other family members at the school (past or present) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q11 Think about the students in your school. How much do you agree with the following statements?**

*(Please mark one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Students enjoy being in school. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Students work with enthusiasm. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Students take pride in this school. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Students value academic achievement. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) Students are cooperative and respectful. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) Students value the education they can receive in this school. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) Students do their best to learn as much as possible. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>





**Q12 Generally, in your school, how often are Grade 10 students (or equivalent) assessed using:**

*(If there are no students in grade 10 in your school, please respond for the grade level in which the majority of 15 year olds are enrolled)*

*(Equivalence:*

*Manitoba: Grade 10 is equivalent to Senior 2*

*Newfoundland: Grade 10 is equivalent to Level 1)*

*(Please mark only one box in each row.)*

	Never	1 – 2 times a year	3 – 5 times a year	Monthly	More than once a month
a) standardised tests? .....	<input checked="" type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b) teacher-developed tests? .....	<input checked="" type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c) teachers' total impression ratings? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d) student portfolios? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e) student assignments/ projects/homework? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

For information only





**Q13 In your school, are assessments of grade 10 students (or equivalent) used for any of the following purposes?**

*(If there are no students in grade 10 in your school, please respond for the grade level in which the majority of 15 year olds are enrolled)*

*(Equivalence:*

*Manitoba: Grade 10 is equivalent to Senior 2*

*Newfoundland: Grade 10 is equivalent to Level 1)*

*(Please mark only one box in each row.)*

- |  | Yes                                   | No                                    |
|--|---------------------------------------|---------------------------------------|
| a) To inform parents about their child's progress. ....                              | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) To make decisions about students' retention or promotion. ....                    | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| c) To group students for instructional purposes. ....                                | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| d) To compare the school to district, provincial or national performance. ....       | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| e) To monitor the school's progress from year to year. ....                          | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| f) To make judgements about teachers' effectiveness. ....                            | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| g) To identify aspects of instruction or the curriculum that could be improved. .... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| h) To compare the school with other schools. ....                                    | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |





**Q14 About how many 15-year-old students in your school have a mother-tongue that is not English?**

*(Please mark only one box.)*

- a) 40% or more ..... <sub>1</sub>
- b) 20% or more but less than 40% ..... <sub>2</sub>
- c) 10% or more but less than 20% ..... <sub>3</sub>
- d) Less than 10% ..... <sub>4</sub>

**Q15 Schools with students whose mother-tongue is not English sometimes offer specific language options to these students.**

**Does your school offer any of the following options to 15-year-old students whose mother-tongue is not English ?**

*(Please mark one box in each row.)*

- |   | <i>No, not for any languages</i>      | <i>Yes, for French only</i>           | <i>Yes, for one language only but not French</i> | <i>Yes, for 2 or more languages including French</i> | <i>Yes, for 2 or more languages but not French</i> | <i>Not applicable</i>                 |
|---|---------------------------------------|---------------------------------------|--|--|--|---------------------------------------|
| a) Instruction in their language is offered as a separate subject. ....           | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub>            | <input type="checkbox"/> <sub>4</sub>                | <input type="checkbox"/> <sub>5</sub>              | <input type="checkbox"/> <sub>6</sub> |
| b) Instruction in other parts of the curriculum is offered in their language. ... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub>            | <input type="checkbox"/> <sub>4</sub>                | <input type="checkbox"/> <sub>5</sub>              | <input type="checkbox"/> <sub>6</sub> |





**Q16** Schools sometimes organise instruction differently for students with different abilities and interests in mathematics.

**Which of the following options describe what your school does for Grade 10 students (or equivalent) in mathematics classes?**

*(If there are no students in grade 10 in your school, please respond for the grade level in which the majority of 15 year olds are enrolled)*

*(Equivalence:*

*Manitoba: Grade 10 is equivalent to Senior 2*

*Newfoundland: Grade 10 is equivalent to Level 1)*

*(Please mark one box in each row.)*

	<i>For all classes</i>	<i>For some classes</i>	<i>Not for any classes</i>
a) Mathematics classes study similar content, but at different levels of difficulty. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
b) Different classes study different content or sets of mathematics topics that have different levels of difficulty. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
c) Students are grouped by ability within their mathematics classes. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
d) In mathematics classes, teachers use a pedagogy suitable for students with a range of abilities (i.e. students are not grouped by ability). ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>





**Q17 In your school, do any of the following activities to promote engagement with mathematics occur?**

*(Please mark one box in each row)*

- |   | <i>Yes</i>                            | <i>No</i>  |
|---|---------------------------------------|--|
| a) Enrichment mathematics .....                               | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub>            |
| b) Remedial mathematics .....                                 | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub>            |
| c) Mathematics competitions .....                             | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub>            |
| d) Mathematics clubs .....                                    | <input type="checkbox"/> <sub>1</sub> | <input checked="" type="checkbox"/> <sub>2</sub> |
| e) Computer clubs (specifically related to mathematics) ..... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub>            |

**Q18 How many of the following are on the staff of your school?**

*Include both full-time and part-time teachers. A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.*

*(Please write a number in each space provided. Write 0 (zero) if there is none.)*

- |   | <i>Full time</i> | <i>Part Time</i> |
|---|------------------|------------------|
| a) Teachers in TOTAL .....  | _____            | _____            |
| b) Teachers fully certified by the province .....                   | _____            | _____            |
| c) Teachers with a Bachelor's or Master's degree in education ..... | _____            | _____            |





**Q19 How many of the following are on the MATHEMATICS staff of your school?**

*Include both full-time and part-time teachers. A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.*

*Please count only those teachers who have taught or will teach mathematics during the current school year.*

*(Please write a number in each space provided. Write 0 (zero) if there are none.)*

	<i>Full time</i>	<i>Part Time</i>
a) Teachers of mathematics in TOTAL .....	_____	_____
b) Teachers of mathematics with a Bachelor's or Master's degree and with a major in Mathematics .....	_____	_____
c) Teachers of mathematics with a Bachelor's or Master's degree but not a major in Mathematics .....	_____	_____
d) Teachers of mathematics with a Bachelor's or Master's degree in education .....	_____	_____
e) Teachers of mathematics with a College Diploma but not a Bachelor's or Master's degree .....	_____	_____

**Q20 During the last year, have any of the following been used to monitor the practice of Mathematics teachers at your school?**

*(Please mark one box in each row.)*

	<i>Yes</i>	<i>No</i>
a) Principal or senior staff observations of classes .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) Observation of classes by inspectors or other persons external to the school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>







**Q21 How much do you agree with these statements about innovation in your school?**

*(Please mark one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Mathematics teachers are interested in trying new methods and teaching practices. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) There is a preference among mathematics teachers to stay with well-known methods and practices. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) There are frequent disagreements between 'innovative' and 'traditional' mathematics teachers. ....	<input type="checkbox"/> <sub>1</sub>	<input checked="" type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q22 How much do you agree with these statements about teachers' expectations in your school?**

*(Please mark one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) There is consensus among mathematics teachers that academic achievement must be kept as high as possible. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) There is consensus among mathematics teachers that it is best to adapt academic standards to the students' level and needs. ..	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) There are frequent disagreements between mathematics teachers who consider each other to be 'too demanding' or 'not demanding enough'. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>





**Q23 How much do you agree with these statements about teaching goals in your school?**

*(Please mark one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) There is consensus among mathematics teachers that the social and emotional development of the student is as important as their acquisition of mathematical skills and knowledge in mathematics classes. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) There is consensus among mathematics teachers that the development of mathematical skills and knowledge in students is the most important objective in mathematics classes. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) There are frequent disagreements between mathematics teachers who consider each other as 'too focused on skill acquisition' or 'too focused on the affective development' of the student. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q24 Think about the teachers in your school. How much do you agree with the following statements?**

*(Please mark one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) The morale of teachers in this school is high. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) Teachers work with enthusiasm. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) Teachers take pride in this school. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) Teachers value academic achievement. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>





**Q25 In your school, to what extent is the learning of Grade 10 students (or equivalent) hindered by:**

*(If there are no students in grade 10 in your school, please respond for the grade level in which the majority of 15 year olds are enrolled)*

*(Equivalence:*

*Manitoba: Grade 10 is equivalent to Senior 2*

*Newfoundland: Grade 10 is equivalent to Level 1)*

*(Please mark one box in each row.)*

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
a) teachers' low expectations of students? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b) student absenteeism? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
c) poor student-teacher relations? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
d) disruption of classes by students? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
e) teachers not meeting individual students' needs? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
f) teacher absenteeism? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
g) students skipping classes? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
h) students lacking respect for teachers? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
i) staff resisting change? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
j) student use of alcohol or illegal drugs? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
k) teachers being too strict with students? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
l) students intimidating or bullying other students? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
m) students not being encouraged to achieve their full potential? .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>





**Q26 In your school, who has the main responsibility for:**

*(Please mark as many boxes as appropriate in each row.)*

	<i>Not a main responsibility of the school</i>	<i>Appointed or elected board/council</i>	<i>Principal</i>	<i>Department Head</i>	<i>Teacher(s)</i>
a) selecting teachers for hire? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) firing teachers? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) establishing teachers' starting salaries? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) determining teachers' salary increases? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) formulating the school budget? .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) deciding on budget allocations within the school? .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) establishing student disciplinary policies? ..	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) establishing student assessment policies? ....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) approving students for admittance to the school? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) choosing which textbooks are used? ....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) determining course content? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) deciding which courses are offered? ....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





**Q27 In your school, which of the following bodies exert a direct influence on decision making about staffing, budgeting, course content and assessment practices?**

*(Please mark as many boxes as apply.)*

	<i>Area of influence:</i>			
	<i>Staffing</i>	<i>Budgeting</i>	<i>Instructional content</i>	<i>Assessment practises</i>
a) Provincial, regional education authorities .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
b) The school's appointed or elected board/council .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
c) Employers (e.g. where the students spend their work-term) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
d) Parent groups .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
e) Teacher groups (e.g. Staff Association, curriculum committees, trade union) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
f) Student groups (e.g. Student Association, youth organization) .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>
g) External examination boards .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>1</sub>





**Q28 What type of school is your institution ?**

- a) Non-sectarian (no religious affiliation) ..... <sub>1</sub>
- b) Sectarian/separate (with religious affiliation, for example Anglican, Catholic, Mennonite, etc.) ..... <sub>2</sub>

**Q29 Does your school offer a semestered program to 15-year old students?**

*A semestered program is a program where students change courses part way through the year. This includes trimestered and quartered programs.*

- a) Yes ..... <sub>1</sub>
- b) No ..... <sub>2</sub>

For information only





**Q30a This school year, about what percentage of students at your school have been enrolled in a course or program requiring them to spend time in a workplace (for example, Co-op, work education)?**

\_\_\_\_\_ %

or

No such programs available  <sub>1</sub> → Go to QUESTION 31

**Q30b How are students selected to participate in this program?**

*(Please mark as many boxes as apply.)*

- a) Open to anyone who applies .....  <sub>1</sub>
- b) On a first come, first serve basis or by random selection .....  <sub>2</sub>
- c) Staff recommend or select individuals .....  <sub>3</sub>
- d) According to year of study .....  <sub>4</sub>
- e) According to identification of higher dropout risk.....  <sub>5</sub>
- f) According to marks and grades .....  <sub>6</sub>
- g) By acceptable attendance records .....  <sub>7</sub>
- h) Participation is mandatory.....  <sub>8</sub>
- i) By a school interview .....  <sub>9</sub>





**Q31 Which of the following programs are offered through this school and which programs, if any, are considered the main focus of this school ?**

*(Please mark as many boxes as apply.)*

*A **program** is a specially designed curriculum.*

*A **language immersion program** is a program where 25% or more of instruction time is spent in the immersion language.*

Program is offered  
Program is the main focus of this school

- a) French language immersion program ..... <sub>1</sub>      <sub>2</sub>
- b) English language immersion program ..... <sub>1</sub>      <sub>2</sub>
- c) Other language immersion program ..... <sub>1</sub>      <sub>2</sub>
- d) ESL/FSL program ..... <sub>1</sub>      <sub>2</sub>
- e) Program targeting the arts (for example, dance, theatre, visual arts, etc.) ..... <sub>1</sub>      <sub>2</sub>
- f) Program targeting sports ..... <sub>1</sub>      <sub>2</sub>
- g) Trade/vocational program ..... <sub>1</sub>      <sub>2</sub>
- h) Program for special needs (for example, special education or program for students with learning difficulties) ..... <sub>1</sub>      <sub>2</sub>
- i) Program targeting gifted students (for example, enriched program) ..... <sub>1</sub>      <sub>2</sub>
- j) Alternative program (for example, programs flexible enough to accommodate students returning to school, pregnant teens, adults etc.) ..... <sub>1</sub>      <sub>2</sub>
- k) Other program, please specify: \_\_\_\_\_







**Q32 At this school, is unpaid community service (volunteer work) mandatory for graduation?**

a) Yes..... <sub>1</sub>

b) No ..... <sub>2</sub>

**Q33a Does your school have an ongoing partnership with a business or company?**

a) Yes..... <sub>1</sub> → *Go to QUESTION 33b*

b) No ..... <sub>2</sub> → *Go to QUESTION 34*

For information only





**Q33b Through this partnership, does the business or company provide any of the following?**

*(Please mark as many boxes as apply.)*

- a) Learning materials (books, charts, etc.) .....  <sub>1</sub>
- b) Technology (or computers).....  <sub>2</sub>
- c) Work experience opportunities for students .....  <sub>3</sub>
- d) Curriculum input.....  <sub>4</sub>
- e) Information on career opportunities .....  <sub>5</sub>
- f) Funding.....  <sub>6</sub>
- g) Scholarships or rewards .....  <sub>7</sub>
- h) Other, please specify \_\_\_\_\_

For information only





**Q34** Approximately what percentage of last year's high school graduates went on to...

*If your school is not a senior high school, mark this box <sub>1</sub> and go to Question 35.*

- a) University ..... \_\_\_\_\_%
- b) College, CEGEP or other post-secondary .... \_\_\_\_\_%
- c) Other (for example, work or travel)..... \_\_\_\_\_%

Total for a, b and c must equal 100%

or

- d) Destination of graduates is not known ..... \_\_\_\_\_%

**Q35a** Does this school...

*(Please mark all that apply.)*

- |  | Yes                                   | No                                    |
|--|---------------------------------------|---------------------------------------|
| a) have programs or practices in place to help at risk students stay in school?.....                         | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) have programs or practices in place to encourage students who have dropped out to return to school? ..... | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |





**Q35b What does this school do for or offer to these students?**

*(Please mark as many boxes as apply.)*

	To help at risk students stay in school	To encourage students who have dropped out to return to school
a) Contact Parents .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
b) Close monitoring of student attendance or classroom performance .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
c) Incentives for better classroom attendance or classroom performance .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
d) Tutoring by teachers.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
e) Peer tutoring .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
f) Alternative or flexible program .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
g) Program where youth spend time with an employer (for example, co-op or work education).....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
h) Individual or group counselling for personal issues.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
i) Academic counselling .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
j) Career counselling.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
k) Recommend another school .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
l) Referral to health-care providers outside the school.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
m) Childcare for children of students.....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>
n) Other, please specify _____		





**Q36 Contact information:**

*This information will only be used if we need to clarify the information that you have provided.*

Name of person completing this questionnaire:

\_\_\_\_\_

First name                      Last name

Person completing this questionnaire is :

- <sub>1</sub> Principal
- <sub>2</sub> Principal's designate

Telephone number:                      Extension:

(    ) - \_\_\_\_\_

E-mail:  
\_\_\_\_\_

*For information only*

***Thank you for completing this questionnaire.***

