



# OECD Programme for International Student Assessment 2003

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT



Learning for Living

*Ontario  
English*

## SCHOOL QUESTIONNAIRE

PISA SCHOOL ID

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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%
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**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

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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)? .....	_____





**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 checked="" 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.)*

	<i>Never</i>	<i>1 – 2 times a year</i>	<i>3 – 5 times a year</i>	<i>Monthly</i>	<i>More than once a month</i>
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>

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**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





## CONSENT

Statistics Canada is conducting the PISA/YITS study in your province under the provisions of the Statistics Act. The sponsor of the study, at the international level, is the Organisation for Economic Co-operation and Development (OECD). Canadian sponsors are Provincial Ministries and Departments of Education, the Secretariat of the Council of Ministers of Education, Canada (CMEC), Human Resources Development Canada, and Statistics Canada.

By signing the consent below, you allow Statistics Canada to share your answers on this questionnaire with these sponsors WITHOUT your name (or names of any students or individuals working at your school) and WITHOUT the name of your school, so that your answers will be kept anonymous. Researchers working for these organizations will use the information for statistical purposes only.

Principal name (or delegate):

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Signature:

---

Date:

---

For information only

**Thank you for completing this questionnaire.**

