

STUDENT QUESTIONNAIRE

PISA SCHOOL ID	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>
PISA STUDENT ID	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Confidential once completed



Statistics
Canada

Statistique
Canada

Canada

Learning
for Living

Consortium international:

Australian Council for Educational Research (ACER)
Netherlands National Institute for Educational
Measurement (CITO)
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 and Skills Development
Canada (HRSDC)
Statistics Canada (STC)

In this booklet you will find questions about:

- You and your family
- Your views on various issues related to science
- The environment
- Careers and science
- Learning time
- Teaching and learning science

Please read each question carefully and answer as accurately as you can. For this questionnaire, you will normally answer by marking a box. For a few questions you will need to write a short answer.

If you make a mistake when marking a box, erase all of the pencil marks and then mark the correct box. Similarly, if you make a mistake when writing a response, erase your response completely and then write your correct response.

In this questionnaire, there are no right or wrong answers. Your answers should be the ones that are right for you.

You may ask for help if you do not understand something or are not sure how to answer a question.

Your answers will be combined with others to make totals and averages in which no individual can be identified. All your answers will be kept confidential.

SECTION 1: ABOUT YOU

Q1 What grade are you registered in?

Grade

Q2 On what date were you born?

(Please write the day, month and year you were born)

_____ 19____

Day Month Year

Q3 Are you female or male?

Female *Male*

₁ ₂

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SECTION 2: YOUR FAMILY AND YOUR HOME

In this section you will be asked some questions about your family and your home.

Some of the following questions are about your mother and father or those persons who are like a mother or father to you — for example, guardians, step-parents, foster parents, etc.

If you share your time with more than one set of parents or guardians, please answer the following questions for those parents/guardians you spend the most time with.

Q4a What is your mother's main job?

(e.g. school teacher, kitchen-hand, sales manager)

(If she is not working now, please tell us her last main job.)

Please write in the job title. _____

Q4b What does your mother do in her main job?

(e.g. teaches high school students, helps the cook prepare meals in a restaurant, manages a sales team)

Please use a sentence to describe the kind of work she does or did in that job.

Q5 What is the highest level of high-school or elementary school completed by your mother?

If you are not sure which box to choose, please ask the test administrator for help.

(Please mark only one box)

High school diploma or equivalent ₁

Grade 9 (Quebec: Secondary 3 /
Manitoba Senior 1) ₂

Grade 6 ₃

Less than grade 6 ₄

Q6 Does your mother have any of the following qualifications?

If you are not sure how to answer this question, please ask the test administrator for help.

(Please mark one box in each row)

- | | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| a) University Degree | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| b) College or CEGEP Diploma/Certificate | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| c) Trade/Vocational Diploma/Certificate or an Apprenticeship | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |

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Q7a What is your father's main job?

(e.g. school teacher, kitchen-hand, sales manager)

(If he is not working now, please tell us his last main job.)

Please write in the job title. _____

Q7b What does your father do in his main job?

(e.g. teaches high school students, helps the cook prepare meals in a restaurant, manages a sales team)

Please use a sentence to describe the kind of work he does or did in that job.

Q8 What is the highest level of high-school or elementary school completed by your father?

If you are not sure how to answer this question, please ask the test administrator for help.

(Please mark only one box)

High school diploma or equivalent ₁

Grade 9 (Quebec: Secondary 3 /
Manitoba Senior 1) ₂

Grade 6 ₃

Less than grade 6 ₄

Q9 Does your father have any of the following qualifications?

If you are not sure which box to choose, please ask the test administrator for help.

(Please mark one box in each row)

	<i>Yes</i>	<i>No</i>
a) University Degree	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
b) College or CEGEP Diploma/Certificate	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
c) Trade/Vocational Diploma/Certificate or an Apprenticeship	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

Q10a In what country were you and your parents born?

(Please mark one answer in each column)

	<i>You</i>	<i>Mother</i>	<i>Father</i>
Canada	<input type="checkbox"/> ₀₁	<input type="checkbox"/> ₀₁	<input type="checkbox"/> ₀₁
Another country	<input type="checkbox"/> ₀₂	<input type="checkbox"/> ₀₂	<input type="checkbox"/> ₀₂

Q10b If you were NOT born in Canada, how old were you when you arrived in Canada?

If you were less than 12 months old, please write zero (0)

_____ years

Q11 What language do you speak at home most of the time?

(Please mark only one box)

English	<input type="checkbox"/> ₃₁₃
French	<input type="checkbox"/> ₄₉₃
Another language	<input type="checkbox"/> ₈₀₇

Q12 Which of the following are in your home?

(Please mark one box in each row)

	<i>Yes</i>	<i>No</i>
a) A desk for studying	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
b) A room of your own	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
c) A quiet place to study	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
d) A computer you can use for school work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
e) Educational software	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
f) A link to the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
g) Your own calculator	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
h) Classic literature (e.g. Shakespeare)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
i) Books of poetry	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
j) Works of art (e.g. paintings)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
k) Books to help with your school work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
l) A dictionary	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
m) A dishwasher	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
n) A DVD or VCR player	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
o) An MP3 player/IPOD®	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
p) A subscription to a daily newspaper	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
q) Central air conditioning	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

Q13 How many of these are there at your home?

(Please mark only one box in each row)

	<i>None</i>	<i>One</i>	<i>Two</i>	<i>Three or more</i>
a) Cellular phones	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Televisions	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Computers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Motor vehicles (e.g., car, van)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Bathrooms (with a bath or shower)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q14 How many books are there in your home?

There are usually about 40 books per metre of shelving. Do not include magazines, newspapers, or your schoolbooks.

(Please mark only one box)

0-10 books	<input type="checkbox"/> ₁
11-25 books	<input type="checkbox"/> ₂
26-100 books	<input type="checkbox"/> ₃
101-200 books	<input type="checkbox"/> ₄
201-500 books	<input type="checkbox"/> ₅
More than 500 books	<input type="checkbox"/> ₆

SECTION 3: YOUR VIEWS ON SCIENCE

This section asks about your views on various issues relating to science. Science refers to any topics that you might encounter in school, or outside of school (for example on television) that relate to space science, biology, chemistry, Earth science or physics.

Q15 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I generally enjoy learning science topics.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) I like reading about science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I am happy doing science problems.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) I enjoy acquiring new knowledge in science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) I am interested in learning about science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q16 How easy do you think it would be for you to perform the following tasks on your own?

(Please mark only one box in each row)

	<i>I could do this easily</i>	<i>I could do this with a bit of effort</i>	<i>I would struggle to do this on my own</i>	<i>I couldn't do this</i>
a) Recognize the science question that underlies a newspaper report on a health issue	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Explain why earthquakes occur more frequently in some areas than in others	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Describe the role of antibiotics in the treatment of disease	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Identify the science issue associated with the disposal of garbage	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Predict how changes to an environment will affect the survival of certain species	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Interpret the scientific information provided on the labelling of food items	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) Identify the better of two explanations for the formation of acid rain	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q17 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Advances in science and technology usually improve people's living conditions.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Science is important for helping us to understand the natural world.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Some concepts in science help me see how I relate to other people.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Advances in science and technology usually help improve the economy.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) I will use science in many ways when I am an adult.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Science is valuable to society.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Science is very relevant to me.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) I find that science helps me to understand the things around me.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i) Advances in science and technology usually bring social benefits.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
j) When I leave school there will be many opportunities for me to use science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q18 How often do you do these things?

(Please mark only one box in each row)

	<i>Very Often</i>	<i>Regularly</i>	<i>Sometimes</i>	<i>Never or hardly ever</i>
a) Watch TV programmes about science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Borrow or buy books on science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Visit web sites about science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Listen to radio programmes about advances in science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Read science magazines or science articles in newspapers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Attend a science club	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

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Q19 Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please mark as many boxes as apply in each row)

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspapers or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Photosynthesis	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
b) Formation of the continents	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
c) Genes and chromosomes	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
d) Soundproofing	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
e) Climate change	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
f) Evolution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
g) Nuclear energy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
h) Health and nutrition	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁

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Q20 How much interest do you have in learning about the following science topics?

(Please mark only one box in each row)

	<i>High Interest</i>	<i>Medium Interest</i>	<i>Low Interest</i>	<i>No Interest</i>
a) Topics in physics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Topics in chemistry	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) The biology of plants	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Human biology	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Topics in astronomy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Topics in geology	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Ways scientists design experiments	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) What is required for scientific explanations	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

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SECTION 4: THE ENVIRONMENT

Q21 How informed are you about the following environmental issues?

(Please mark only one box in each row)

	<i>I have never heard of this</i>	<i>I have heard about this but I would not be able to explain what it is really about</i>	<i>I know something about this and could explain the general issue</i>	<i>I am familiar with this and I would be able to explain this well</i>
a) The increase of greenhouse gases in the atmosphere	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Use of genetically modified organisms (GMO)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Acid rain	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) The consequences of clearing forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q22 From which source(s) did you mainly learn about each of these environmental issues?

(Please mark as many boxes as apply in each row)

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspapers or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Air pollution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input checked="" type="checkbox"/> ₁	<input type="checkbox"/> ₁
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input checked="" type="checkbox"/> ₁	<input type="checkbox"/> ₁
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input checked="" type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁

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Q23 Do you see the environmental issues below as a serious concern for yourself and/or others?

(Please mark only one box in each row)

	<i>This is a serious concern for me personally as well as for others</i>	<i>This is a serious concern for other people in my country but not me personally</i>	<i>This is a serious concern only for people in other countries</i>	<i>This is not a serious concern to anyone</i>
a) Air pollution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

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Q24 Do you think problems associated with the environmental issues below will improve, stay about the same, or get worse over the next 20 years?

(Please mark only one box in each row)

	<i>Improve</i>	<i>Stay about the same</i>	<i>Get worse</i>
a) Air pollution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃

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Q25 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) It is important to carry out regular checks on the emissions from cars as a condition of their use.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) It disturbs me when energy is wasted through the unnecessary use of electrical appliances.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I am in favour of having laws that regulate factory emissions even if this would increase the price of products.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) To reduce waste, the use of plastic packaging should be kept to a minimum.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Industries should be required to prove that they safely dispose of dangerous waste materials.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) I am in favour of having laws that protect the habitats of endangered species.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Electricity should be produced from renewable sources as much as possible, even if this increases the cost.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

SECTION 5: CAREERS AND SCIENCE

In this section we ask you questions about science-related careers. When thinking about what a science-related career might be, think of the many jobs that involve science – not just the traditional ‘scientist’. Careers like engineer (involving physics), weather forecaster (involving Earth science), optician (involving biology and physics), and medical doctors (involving the medical sciences) are all examples of science-related careers.

Q26 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) The subjects <u>available</u> at my school provide students with the basic skills and knowledge for a science-related career.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) The science subjects at my school provide students with the basic skills and knowledge for many different careers.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) The subjects <u>I study</u> provide me with the basic skills and knowledge for a science-related career.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) My teachers equip me with the basic skills and knowledge I need for a science-related career.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q27 How informed are you about these topics?

(Please mark only one box in each row)

	<i>Very well informed</i>	<i>Fairly informed</i>	<i>Not well informed</i>	<i>Not informed at all</i>
a) Science-related careers that are available in the job market	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Where to find information about science-related careers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) The steps students need to take if they want a science-related career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Employers or companies that hire people to work in science-related careers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

FOR INFORMATION ONLY

Q28 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I would like to work in a career involving science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) I would like to study science after high school.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input checked="" type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I would like to spend my life doing advanced science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) I would like to work on science projects as an adult.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q29 What kind of job do you expect to have when you are about 30 years old?

Write the job title _____

SECTION 6: LEARNING TIME

Q30 How much time do you typically spend per week studying the following subjects?

For each subject, please indicate separately:

- *the time spent attending regular lessons at your school;*
- *the time spent attending out-of-school-time lessons (at school, at home or somewhere else);*
- *the time spent studying or doing homework by yourself.*

An hour here refers to 60 minutes, not to a class period

(Please mark only one box in each row)

	No time	<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
Science					
a) Regular lessons in science at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
b) Out-of school-time lessons in science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
c) Study or homework in science by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
Mathematics					
d) Regular lessons in mathematics at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
e) Out-of school-time lessons in mathematics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
f) Study or homework in mathematics by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
English (Language Arts)					
g) Regular lessons in English at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
h) Out-of school-time lessons in English	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
i) Study or homework in English by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q30 (continued)

Other subjects	<i>No time</i>	<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
j) Regular lessons in other subjects at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
k) Out-of-school-time lessons in other subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
l) Study or homework in other subjects by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

FOR INFORMATION ONLY

Q31 What type of out-of-school-time lessons do you attend currently (if any)?

*These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are **only** lessons in subjects that you also learn at school.*

(Please mark only one box in each row)

- | | Yes | No |
|---|---------------------------------------|---------------------------------------|
| a) One-on-one lessons with a teacher who is also a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| b) One-on-one lessons with a teacher who is <u>not</u> a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| c) Lessons in small groups (less than 8 students) with a teacher who is also a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| d) Lessons in small groups (less than 8 students) with a teacher who is <u>not</u> a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| e) Lessons in larger groups (8 students or more) with a teacher who is also a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| f) Lessons in larger groups (8 students or more) with a teacher who is <u>not</u> a teacher at your school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |

SECTION 7: TEACHING AND LEARNING SCIENCE

Q32 Did you or do you take any of the courses listed below?

(Please mark as many boxes as apply in each row)

	<i>Last year</i>		<i>This year</i>	
	<i>Yes</i>	<i>No</i>	<i>Yes</i>	<i>No</i>
a) A compulsory general science course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
b) An optional general science course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
c) A compulsory biology course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
d) An optional biology course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
e) A compulsory physics course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
f) An optional physics course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
g) A compulsory chemistry course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂
h) An optional chemistry course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂

If you are currently taking a science course please continue.

If you are not currently taking a science course please go to question 36.

Q33 When learning science topics at school, how often do the following activities occur?

(Please mark only one box in each row)

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>
a) Students are given opportunities to explain their ideas.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Students spend time in the laboratory doing practical experiments.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Students are required to design how a science question could be investigated in the laboratory.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) The students are asked to apply a science concept to everyday problems.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) The lessons involve students' opinions about the topics.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Students are asked to draw conclusions from an experiment they have conducted.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) The teacher explains how a science idea can be applied to a number of different phenomena (e.g. the movement of objects, substances with similar properties).	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) Students are allowed to design their own experiments.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q33 (continued)

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>
i) There is a class debate or discussion.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
j) Experiments are done by the teacher as demonstrations.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
k) Students are given the chance to choose their own investigations.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
l) The teacher uses science to help students understand the world outside school.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
m) Students have discussions about the topics.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
n) Students do experiments by following the instructions of the teacher.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
o) The teacher clearly explains the relevance of science concepts to our lives.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
p) Students are asked to do an investigation to test out their own ideas.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
q) The teacher uses examples of technological application to show how science is relevant to society.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q34 How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Making an effort in my science subject(s) is worth it because this will help me in the work I want to do later on.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) What I learn in my science subject(s) is important for me because I need this for what I want to study later on.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I study science because I know it is useful for me.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Studying my science subject(s) is worthwhile for me because what I learn will improve my career prospects.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) I will learn many things in my science subject(s) that will help me get a job.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

FOR INFORMATION ONLY

Q35 The following question asks about your experience in learning science topics.

How much do you agree with the statements below?

(Please mark only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Learning advanced science topics would be easy for me.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) I can usually give good answers to test questions on science topics.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I learn science topics quickly.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Science topics are easy for me.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) When I am being taught science, I can understand the concepts very well.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) I can easily understand new ideas in science.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q36 In general, how important do you think it is for you to do well in the subjects below?

(Please mark only one box in each row)

	<i>Very important</i>	<i>Important</i>	<i>Of little importance</i>	<i>Not important at all</i>
a) Science subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Mathematics subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) English (Language Arts) subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Section 8: Your use of computers

The following questions ask about computers: this does not include calculators or game consoles like a Sony PlayStation™.

Q37 Have you ever used a computer?

(Please mark only one box)

Yes No
₁ ₂

If you answered Yes to the above question, please continue.

If you answered No, please go to question Q42.

Q38 How long have you been using computers?

(Please mark only one box)

Less than one year ₁

One year or more but less than three years ₂

Three years or more but less than five years ₃

Five years or more ₄

Q39 How often do you use a computer at these places?

(Please mark one box in each row)

	<i>Almost every day</i>	<i>Once or twice a week</i>	<i>A few times a month</i>	<i>Once a month or less</i>	<i>Never</i>
a) At home	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
b) At school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
c) In the library that you use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
c) At another place	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

FOR INFORMATION ONLY

Q40 How often do you use computers for the following reasons?

(Please mark one box in each row)

	<i>Almost every day</i>	<i>A few times each week</i>	<i>Between once a week and once a month</i>	<i>Less than once a month</i>	<i>Never</i>
a) Browse the Internet for information about people, things, or ideas	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
b) Play games	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
c) Write documents (e.g. with Word ® or WordPerfect ®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
d) Use the Internet to collaborate with a group or team	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
e) Use spreadsheets (e.g. Lotus 1 2 3 ® or Microsoft Excel ®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
f) Download software from the Internet (including games)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
g) Drawing, painting or using graphics programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
h) Use educational software such as Mathematics programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
i) Download music from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
j) Writing computer programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅
k) For communication (e.g. E-mail or “chat rooms”)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Please continue to question Q41 on the next page

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Q41 How well can you do each of these tasks on a computer?

(Please mark one box in each row)

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>
a) Chat online	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) Use software to find and get rid of computer viruses	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) Edit digital photographs or other graphic images	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Create a database (e.g. using Microsoft Access ®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e) Copy data to a CD (e.g. make a music CD)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f) Move files from one place to another on a computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g) Search the Internet for information	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h) Download files or programs from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i) Attach a file to an E-mail message	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
j) Use a word processor (e.g. to write an essay for school)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
k) Use a spreadsheet to plot a graph	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
l) Create a presentation (e.g. using Microsoft PowerPoint ®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
m) Download music from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q41 (continued)

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>
n) Create a multimedia presentation (with sound, pictures, video)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
o) Write and send E-mails	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
p) Construct a web page	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

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Section 9: School and work

Q42 This year, what is your approximate overall mark in the following?

(Please mark only one box in each row)

	<i>Less than 50%</i>	<i>50% to 54%</i>	<i>55% to 59%</i>	<i>60% to 69%</i>	<i>70% to 79%</i>	<i>80% to 89%</i>	<i>90% to 100%</i>
a) Science (e.g., chemistry, physics and biology)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇
b) Mathematics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇
c) English (Language Arts)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇
d) All courses	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇

Q43 Are you currently enrolled in a French Immersion Program?

(Please mark only one box)

Yes ₁

No ₂

Q44 Are you currently enrolled in an English Immersion Program?

(Please mark only one box)

Yes ₁

No ₂

Q45 EACH DAY, about how much time do you usually spend reading for enjoyment?

(Please mark only one box)

I do not read for enjoyment ₁

30 minutes or less each day ₂

More than 30 minutes to less than 1 hour each day ₃

1 to 2 hours each day ₄

More than 2 hours each day ₅

Q46 Think only about THIS school year. About how often have you cut or skipped a CLASS without permission?

(Please mark only one box)

Never this year ₁

1 or 2 times this year ₂

3 to 8 times this year ₃

About 1 to 3 times a month ₄

About once a week ₅

More than once a week ₆

Q47 Since the BEGINNING OF THIS SCHOOL YEAR, have you done any work...

(Please mark only one box in each row)

- | | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| a) for pay for an employer (such as at a store or restaurant)? | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| b) for pay at an odd job (such as babysitting or mowing a neighbour's lawn)? | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |
| c) on your family's farm or in your family's business (with or without pay)? | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ |

Q48 Since the beginning of this school year, in a TYPICAL WEEK that you worked, how many HOURS IN TOTAL did you work at all your jobs and odd jobs?

Please write in a number and round to the nearest whole number.

Total hours :

Q49 What do you think about the following statements?

(Please mark one box in each row)

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
a) Getting a job later in life depends on my success in school now.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) I will need to go to college or university to achieve what I want in life.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) I know my own interests and abilities well enough to decide on a future career or type of work.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d) Most of what I learn in school will be useful when I get a job.	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q50 Think about your CLOSEST friends. How many of these friends ...

(Please mark only one box in each row)

	<i>None</i>	<i>Some of them</i>	<i>Most of them</i>	<i>All of them</i>
a) think completing high school is very important?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b) have dropped out of high school without graduating?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c) are planning to further their education or training after leaving high school?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

Q51 What is the highest level of education you would like to get?

(Please mark as many boxes as apply)

Less than a high school diploma ₁

High school diploma or graduation equivalency ₂

Trade or vocational certificate or diploma or an apprenticeship ₃

College or CEGEP (Québec) certificate or diploma ₄

University degree ₅

I don't know ₆

FOR INFORMATION ONLY

In the next two questions a parent means a father, a mother, or a person who is like a father or a mother to you (such as a guardian, step-parent, or foster parent), if there is one.

Q52 How important is it to your parent(s) that you graduate from high school?

	<i>Not important at all</i>	<i>Slightly important</i>	<i>Fairly important</i>	<i>Very important</i>	<i>I don't know</i>	<i>No such person</i>
a) To your father or other male guardian?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆
b) To your mother or other female guardian?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆

Q53 How important is it to your parent(s) that you get more education after high school?

	<i>Not important at all</i>	<i>Slightly important</i>	<i>Fairly important</i>	<i>Very important</i>	<i>I don't know</i>	<i>No such person</i>
a) To your father or other male guardian?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆
b) To your mother or other female guardian?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆

Thank you very much for your co-operation in completing this questionnaire!