

I L

t c t

t	t
t	t



2003

M



)

D



3

Indicate how much you agree with each of these statements.

Fill in **one** circle for each line

		t		tt		tt		t
		↓		↓		↓		↓
a) Watching movies is fun	-----	①	-----	●	-----	③	-----	④
b) I like eating ice cream	-----	●	-----	②	-----	③	-----	④

Read each question carefully, and pick the answer you think is best. Fill in the circle next to--0k8le



**3**

**How often do you speak <language of test> at home?**

*Fill in **one** circle only*

Always ----- ①

Almost always ----- ②

Sometimes ----- ③

Never ----- ④

**4**

**About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)**

*Fill in **one** circle only*

None or very few  
(0-10 books) ----- ①

Enough to fill one shelf  
(11-25 books) ----- ②

Enough to fill one bookcase  
(26-100 books) ----- ③

Enough to fill two bookcases  
(101-200 books) ----- ④

Enough to fill three or more bookcases  
(more than 200 books) ----- ⑤



**A. What is the highest level of education completed by your mother (or stepmother or female guardian)?**

Fill in **one** circle only

- Did not finish <ISCED 1> or did not go to school ----- ①
- <ISCED 1> ----- ②
- <ISCED 2> ----- ③
- <ISCED 3> ----- ④
- <ISCED 4B> ----- ⑤
- <ISCED 5B> ----- ⑥
- <ISCED 5A, first degree> ----- ⑦
- Beyond <ISCED 5A, first degree> ----- ⑧
- I don't know ----- ⑨

**B. What is the highest level of education completed by your father (or stepfather or male guardian)?**

Fill in **one** circle only

- Did not finish <ISCED 1> or did not go to school ----- ①
- <ISCED 1> ----- ②
- <ISCED 2> ----- ③
- <ISCED 3> ----- ④
- <ISCED 4B> ----- ⑤
- <ISCED 5B> ----- ⑥
- <ISCED 5A, first degree> ----- ⑦
- Beyond <ISCED 5A, first degree> ----- ⑧
- I don't know ----- ⑨

7

**How far in school do you expect to go?***Fill in **one** circle only*

Finish &lt;ISCED 3&gt; ----- ①

Finish &lt;ISCED 4B&gt; ----- ②

Finish &lt;ISCED 5B&gt; ----- ③

Finish &lt;ISCED 5A, first degree&gt; ----- ④

Beyond &lt;ISCED 5A, first degree&gt; ----- ⑤

I don't know ----- ⑥





8

**How much do you agree with these statements about learning mathematics?**

Fill in **one** circle for each line

t      tt      tt      t  
|





# B

12



**How much do you agree with these statements about learning biology?**

*Fill in **one** circle for each line*

# 13

## How much do you agree with these statements about biology?

Fill in **one** circle for each line

- |   | t | tt | tt | t |
|---|---|----|----|---|
|   | ↓ | ↓  | ↓  | ↓ |
| a) I think learning biology will help me in my daily life                 | ① | ②  | ③  | ④ |
| b) I need biology to learn other school subjects                          | ① | ②  | ③  | ④ |
| c) I need to do well in biology to get into the <university> of my choice | ① | ②  | ③  | ④ |
| d) I would like a job that involved using biology                         | ① | ②  | ③  | ④ |
| e) I need to do well in biology to get the job I want                     | ① | ②  | ③  | ④ |

14

### How often do you do these things in your biology lessons?

Fill in **one** circle for each line

- |  |   | t     |   | t     |   |       |   |
|--|---|-------|---|-------|---|-------|---|
|  |   | ↓     |   | ↓     |   | ↓     |   |
| a) We watch the teacher demonstrate an experiment or investigation   | ① | ----- | ② | ----- | ③ | ----- | ④ |
| b) We formulate hypotheses or predictions to be tested               | ① | ----- | ② | ----- | ③ | ----- | ④ |
| c) We design or plan an experiment or investigation                  | ① | ----- | ② | ----- | ③ | ----- | ④ |
| d) We conduct an experiment or investigation                         | ① | ----- | ② | ----- | ③ | ----- | ④ |
| e) We work in small groups on an experiment or investigation         | ① | ----- | ② | ----- | ③ | ----- | ④ |
| f) We write explanations about what was observed and why it happened | ① | ----- | ② | ----- | ③ | ----- | ④ |
| g) We study the impact of technology on society                      | ① | ----- | ② | ----- | ③ | ----- | ④ |
| h) We relate what we are learning in biology to our daily lives      | ① | ----- | ② | ----- | ③ | ----- | ④ |
| i) We present our work to the class                                  | ① | ----- | ② | ----- | ③ | ----- | ④ |
| j) We review our homework  | ① | ----- | ② | ----- | ③ | ----- | ④ |
| k) We listen to the teacher give a lecture-style presentation        | ① | ----- | ② | ----- | ③ | ----- | ④ |
| l) We work problems on our own                                       | ① | ----- | ② | ----- | ③ | ----- | ④ |
| m) We begin our homework in class                                    | ① | ----- | ② | ----- | ③ | ----- | ④ |
| n) We have a quiz or test  | ① | ----- | ② | ----- | ③ | ----- | ④ |



**15**



17

**How much do you agree with these statements about earth science?**

Fill in **one** circle for each line

t      tt      tt      t  
|



**How often do you do these things in your earth science lessons?**

Fill in **one** circle for each line

- |   |        |        |        |        |   |   |
|---|--------|--------|--------|--------|---|---|
|   | t      |        | t      |        |   |   |
|   | ↓      |        | ↓      |        | ↓ | ↓ |
| a) We watch the teacher demonstrate an experiment or investigation    | -----① | -----② | -----③ | -----④ |   |   |
| b) We formulate hypotheses or predictions to be tested                | -----① | -----② | -----③ | -----④ |   |   |
| c) We design or plan an experiment or investigation                   | -----① | -----② | -----③ | -----④ |   |   |
| d) We conduct an experiment or investigation                          | -----① | -----② | -----③ | -----④ |   |   |
| e) We work in small groups on an experiment or investigation          | -----① | -----② | -----③ | -----④ |   |   |
| f) We write explanations about what was observed and why it happened  | -----① | -----② | -----③ | -----④ |   |   |
| g) We study the impact of technology on society                       | -----① | -----② | -----③ | -----④ |   |   |
| h) We relate what we are learning in earth science to our daily lives | -----① | -----② | -----③ | -----④ |   |   |
| i) We present our work to the class                                   | -----① | -----② | -----③ | -----④ |   |   |
| j) We review our homework   | -----① | -----② | -----③ | -----④ |   |   |
| k) We listen to the teacher give a lecture-style presentation         | -----① | -----② | -----③ | -----④ |   |   |
| l) We work problems on our own  | -----① | -----② | -----③ | -----④ |   |   |
| m) We begin our homework in class                                     |        |        |        |        |   |   |



1



**Are you studying chemistry in school this year?**

## How much do you agree with these statements about chemistry?

Fill in **one** circle for each line

- |   | t       | tt      | tt      | t       |
|---|---------|---------|---------|---------|
|   | ↓       | ↓       | ↓       | ↓       |
| a) I think learning chemistry<br>will help me in my daily life                    | ----- ① | ----- ② | ----- ③ | ----- ④ |
| b) I need chemistry to<br>learn other school subjects                             | ----- ① | ----- ② | ----- ③ | ----- ④ |
| c) I need to do well in chemistry<br>to get into the <university> of<br>my choice | ----- ① | ----- ② | ----- ③ | ----- ④ |
| d) I would like a job that involved<br>using chemistry                            | ----- ① | ----- ② | ----- ③ | ----- ④ |
| e) I need to do well in chemistry<br>to get the job I want                        | ----- ① | ----- ② | ----- ③ | ----- ④ |

## How often do you do these things in your chemistry lessons?

Fill in **one** circle for each line

- |  |   | t     |   | t     |   | t     |   | t |
|--|---|-------|---|-------|---|-------|---|---|
|  |   | ↓     |   | ↓     |   | ↓     |   | ↓ |
| a) We watch the teacher demonstrate an experiment or investigation ..... | ① | ----- | ② | ----- | ③ | ----- | ④ |   |
| b) We formulate hypotheses or predictions to be tested .....             | ① | ----- | ② | ----- | ③ | ----- | ④ |   |
| c) We design or plan an experiment or investigation .....                | ① | ----- | ② | ----- | ③ | ----- | ④ |   |
| d) We conduct an experiment or investigation .....                       | ① | ----- | ② | ----- | ③ | ----- | ④ |   |
| e) We work in small groups on an experiment or investigation .....       | ① | ----- | ② | ----- | ③ | ----- | ④ |   |
| f) We write explanations about what                                      |   |       |   |       |   |       |   |   |

23

**Are you studying physics in school this year?**



Fill in **one** circle only -----

25

**How much do you agree with these statements about physics?**

Fill in **one** circle for each line

t            tt            tt            t



2



**How often do you do these things in your physics lessons?**

*Fill in*





**C. How often do you do these things with a computer?**

Fill in **one** circle for each line

- |    |   |   |       |   |       |   |       |   |       |   |
|----|---|---|-------|---|-------|---|-------|---|-------|---|
|    |   | t | t     | c |       |   |       |   |       |   |
|    |   | c |       | t | c     | t |       |   |       |   |
|    |   | ↓ | ↓     | ↓ | ↓     | ↓ |       |   |       |   |
| a) | I look up ideas and information for mathematics -----   | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| b) | I look up ideas and information for biology -----       | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| c) | I look up ideas and information for earth science ----- | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| d) | I look up ideas and information for chemistry -----     | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| e) | I look up ideas and information for physics -----       | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| f) | I write reports for school -----                        | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |
| g) | I process and analyze data -----                        | ① | ----- | ② | ----- | ③ | ----- | ④ | ----- | ⑤ |

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

Fill in **one** circle for each line

- |   |   |         |         |         |
|---|---|---------|---------|---------|
|   | t | tt      | tt      | t       |
|   | ↓ | ↓       | ↓       | ↓       |
| a) I like being in school -----   | ① | ----- ② | ----- ③ | ----- ④ |
| b) I think that students in my school<br>try to do their best -----           | ① | ----- ② | ----- ③ | ----- ④ |
| c) I think that teachers in my school<br>care about the students -----        | ① | ----- ② | ----- ③ | ----- ④ |
| d) I think that teachers in my school<br>want students to do their best ----- | ① | ----- ② | ----- ③ | ----- ④ |

**In school, did any of these things happen during the last month?**

Fill in **one** circle for each line

- |   |   |         |
|---|---|---------|
|   | ↓ | ↓       |
| a) Something of mine was stolen -----   | ① | ----- ② |
| b) I was hit or hurt by other student(s)<br>(e.g., shoving, hitting, kicking) ----- | ① | ----- ② |
| c) I was made to do things I didn't<br>want to do by other students -----           | ① | ----- ② |
| d) I was made fun of or called names -----  | ① | ----- ② |
| e) I was left out of activities by other<br>students -----                          | ① | ----- ② |



**A. How often does your teacher give you homework in each of the following subjects?**

Fill in **one** circle for each line

3 4 1 2 t  
t t t c



a) Mathematics -----a) Mathe[ 21iw 3.8452

**33**

**Including yourself, how many people live in your home?**

*Fill in **one** circle only*

2-----②

3-----③

4-----④

5-----⑤

6-----⑥

7-----⑦

8 or more-----⑧

**34**

**A. Was your mother (or stepmother or female guardian) born in <country>?**

3



35

**A. Were you born in <country>?**

Fill in **one** circle only ----- ① ----- ②

If **Yes**, you have completed the questionnaire 

**B. If you were not born in <country>, how old were you when you came to <country>?**

Fill in **one** circle only

Older than 10 years old ----- ①

5 to 10 years old ----- ②

Younger than 5 years old ----- ③



