Identification Label

Student ID: 
Student Name: 

Student Questionnaire

<Grade 4>

<TIMSS National Research Center Name>
<Address>

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General Directions

In this questionnaire, you will find questions about yourself. Some questions ask for facts while other questions ask for your opinions.

Read each question carefully and answer as accurately as possible. You may ask for help if you do not understand something or are not sure how to respond.

Each question is followed by a number of answers. Shade in the circle next to the answer of your choice as shown in Examples 1, 2, and 3.

Example 1

Do you go to school?

Fill in one circle only

Yes

No

Example 2

How often do you do these things?

Fill in one circle for each line

Every day
At least once a week
Once or twice a month
A few times a year
Never

a) I listen to music

b) I talk with my friends

c) I play sports
Example 3

Indicate how much you agree with each of these statements.

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th>Agree a lot</th>
<th>Agree a little</th>
<th>Disagree a little</th>
<th>Disagree a lot</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a) Watching movies is fun

b) I like eating ice cream

Read each question carefully, and pick the answer you think is best. Fill in the circle next to or below your answer. If you decide to change an answer to a question, put an “x” over your first choice, and then fill in the circle for your new choice. Ask for help if you do not understand something or are not sure how to answer.

Thank you for your time, effort, and thought in completing this questionnaire.
### About You

#### 1

**When were you born?**

A. *Fill in the circle next to the year you were born*

<table>
<thead>
<tr>
<th>Year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1994</td>
<td>O</td>
</tr>
<tr>
<td>1995</td>
<td>O</td>
</tr>
<tr>
<td>1996</td>
<td>O</td>
</tr>
<tr>
<td>1997</td>
<td>O</td>
</tr>
<tr>
<td>1998</td>
<td>O</td>
</tr>
<tr>
<td>1999</td>
<td>O</td>
</tr>
<tr>
<td>2000</td>
<td>O</td>
</tr>
<tr>
<td>Other</td>
<td>O</td>
</tr>
</tbody>
</table>

B. *Fill in the circle next to the month you were born*

<table>
<thead>
<tr>
<th>Month</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>O</td>
</tr>
<tr>
<td>February</td>
<td>O</td>
</tr>
<tr>
<td>March</td>
<td>O</td>
</tr>
<tr>
<td>April</td>
<td>O</td>
</tr>
<tr>
<td>May</td>
<td>O</td>
</tr>
<tr>
<td>June</td>
<td>O</td>
</tr>
<tr>
<td>July</td>
<td>O</td>
</tr>
<tr>
<td>August</td>
<td>O</td>
</tr>
<tr>
<td>September</td>
<td>O</td>
</tr>
<tr>
<td>October</td>
<td>O</td>
</tr>
<tr>
<td>November</td>
<td>O</td>
</tr>
<tr>
<td>December</td>
<td>O</td>
</tr>
</tbody>
</table>
2

Are you a girl or a boy?

*Fill in one circle only*

Girl - --------------------------------- ①
Boy - --------------------------------- ②

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
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. This shows 10 books

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

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

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

 Enough to fill three or more bookcases
(more than 200 books)  
5. This shows more than 200 books
Do you have any of these things at your home?

*Fill in one circle for each line*

a) Calculator

b) Computer (do not include PlayStation®, GameCube®, XBox®, or other TV/video game computers)

c) Study desk/table for your use

d) Dictionary

e) Internet connection

f) <country-specific>

g) <country-specific>

h) <country-specific>

i) <country-specific>
Mathematics in School

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

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th>Agree a lot</th>
<th>Agree a little</th>
<th>Disagree a little</th>
<th>Disagree a lot</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a) I usually do well in mathematics

b) I would like to do more mathematics in school

c) Mathematics is harder for me than for many of my classmates

d) I enjoy learning mathematics

e) I am just not good at mathematics

f) I learn things quickly in mathematics

g) Mathematics is boring

h) I like mathematics
How often do you do these things in your mathematics lessons?

Fill in one circle for each line

<table>
<thead>
<tr>
<th></th>
<th>Every or almost every lesson</th>
<th>About half the lessons</th>
<th>Some lessons</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>I practice adding, subtracting, multiplying, and dividing without using a calculator</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>b)</td>
<td>I work on fractions and decimals</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>c)</td>
<td>I measure things in the classroom and around the school</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>d)</td>
<td>I make tables, charts, or graphs</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>e)</td>
<td>I learn about shapes such as circles, triangles, rectangles, and cubes</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>f)</td>
<td>I memorize how to work problems</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>g)</td>
<td>I work with other students in small groups</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>h)</td>
<td>I explain my answers</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>i)</td>
<td>I work problems on my own</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>j)</td>
<td>I use a calculator</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>k)</td>
<td>I use a computer</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
# Science in School

How much do you agree with these statements about learning science?

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th></th>
<th>Agree a lot</th>
<th>Agree a little</th>
<th>Disagree a little</th>
<th>Disagree a lot</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) I usually do well in science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>b) I would like to do more science in school</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>c) Science is harder for me than for many of my classmates</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>d) I enjoy learning science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>e) I am just not good at science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>f) I learn things quickly in science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>g) Science is boring</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>h) I like science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>
In school, how often do you do these things?

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th></th>
<th>At least once a week</th>
<th>Once or twice a month</th>
<th>A few times a year</th>
<th>Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) I look at something like the weather or a plant growing and write down what I see</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>b) I watch the teacher do a science experiment</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>c) I design or plan a science experiment or investigation</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>d) I do a science experiment or investigation</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>e) I work with other students in a small group on a science experiment or investigation</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>f) I read books about science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>g) I memorize science facts</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>h) I write or give an explanation for something I am studying in science</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>i) I work science problems on my own</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>j) I use a computer in science lessons</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>
Computers

A. Do you ever use a computer? (Do not include PlayStation®, GameCube®, XBox®, or other TV/video game computers.)

Yes No

Fill in one circle only  

If No, please go to question 11

B. Where do you use a computer?

a) At home 

b) At school

c) Elsewhere (e.g., public library, friend’s home, Internet café)

C. How often do you use a computer for your schoolwork (in and out of school)?

Every day At least once a week Once or twice a month A few times a year Never

a) In mathematics

b) In science
Your School

11

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

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th>Agree a lot</th>
<th>Agree a little</th>
<th>Disagree a little</th>
<th>Disagree a lot</th>
</tr>
</thead>
</table>

a) I like being in school

b) I think that students in my school try to do their best

c) I think that teachers in my school want students to do their best

---

12

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

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

a) Something of mine was stolen

b) I was hit or hurt by other student(s) (for example, shoving, hitting, kicking)

c) I was made to do things I didn’t want to do by other students

d) I was made fun of or called names

e) I was left out of activities by other students

**Things You Do Outside of School**

On a normal school day, how much time do you spend before or after school doing each of these things?

*Fill in one circle for each line*

<table>
<thead>
<tr>
<th>Activity</th>
<th>No time</th>
<th>Less than 1 hour</th>
<th>1-2 hours</th>
<th>More than 2 but less than 4 hours</th>
<th>4 or more hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) I watch television and videos</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) I play computer games</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) I play or talk with friends</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) I do jobs at home</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) I play sports</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f) I read a book for enjoyment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g) I use the Internet</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h) I do homework</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
14

A. How often does your teacher give you homework in mathematics?

*Fill in one circle only*

- Every day: 1
- 3 or 4 times a week: 2
- 1 or 2 times a week: 3
- Less than once a week: 4
- Never: 5

*If Never, please go to question 15*

B. When your teacher gives you mathematics homework, about how many minutes do you usually spend on your homework?

*Fill in one circle only*

- Zero minutes: 1
- 1–15 minutes: 2
- 16–30 minutes: 3
- 31–60 minutes: 4
- 61–90 minutes: 5
- More than 90 minutes: 6
15

A. How often does your teacher give you homework in science?

*Fill in one circle only*

Every day .......................... ①
3 or 4 times a week .................. ②
1 or 2 times a week .................. ③
Less than once a week ............... ④
Never .................................. ⑤

*If Never, please go to question 16*

B. When your teacher gives you science homework, about how many minutes do you usually spend on your homework?

*Fill in one circle only*

Zero minutes .......................... ①
1 - 15 minutes ........................ ②
16–30 minutes ........................ ③
31–60 minutes ........................ ④
61–90 minutes ........................ ⑤
More than 90 minutes .............. ⑥
More About You

16

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

Yes No

Fill in one circle only 1 2

B. Was your father (or stepfather or male guardian) born in <country>?

Yes No

Fill in one circle only 1 2

17

A. Were you born in <country>?

Yes No

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 5 years old 1
1 to 5 years old 2
Younger than 1 year old 3

Thank You for completing this questionnaire
Student Questionnaire

<Grade 4>