



# OECD Programme for International Student Assessment

<country>  
<language of test>

## PISA 2003 STUDENT QUESTIONNAIRE

School Name	<input type="text"/>
Student ID	<input type="text"/>
Student Name	<input type="text"/> <input type="text"/>
	Family Name Given Name
Date of Birth	<input type="text"/> / <input type="text"/> / 198
	Day Month Year



**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 this booklet you will find questions about:

- You and your family (Sections A and B).
- Your education (Section C).
- Your school (Section D).
- Learning Mathematics (Section E).
- Your <Mathematics> classes (Section F).

Please read each question carefully and answer as accurately as you can. In the test you usually circled your answers. For this questionnaire, you will normally answer by <ticking> a box. For a few questions you will need to write a short answer.

If you make a mistake when <ticking> a box, cross out your error and mark the correct box. If you make an error when writing an answer, simply cross it out and write the correct answer next to it.

**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 A: ABOUT YOU**

**Q1a What <grade> are you in?**

\_\_\_\_\_  
<grade>

**Q1b Which one of the following <programmes> are you in?**

*(Please <tick> only one box.)*

<Programme 1> ..... <sub>01</sub>

<Programme 2> ..... <sub>02</sub>

<Programme 3> ..... <sub>03</sub>

<Programme 4> ..... <sub>04</sub>

<Programme 5> ..... <sub>05</sub>

<Programme 6> ..... <sub>06</sub>

**Q2 On what date were you born?**

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

< \_\_\_\_\_          \_\_\_\_\_          198 \_\_\_\_ >  
*Day                  Month                  Year*

**Q3 Are you <female> or <male>?**

*Female*

<sub>1</sub>

*Male*

<sub>2</sub>

## SECTION B: YOU AND YOUR FAMILY

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 person(s) 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.

### Q4 Who usually lives at <home> with you?

*(Please <tick> as many boxes as apply.)*

- a) Mother ..... <sub>1</sub>
- b) Other female guardian (e.g., stepmother or foster mother) ..... <sub>1</sub>
- c) Father ..... <sub>1</sub>
- d) Other male guardian (e.g., stepfather or foster father) ..... <sub>1</sub>
- e) Others (e.g. brother, sister, cousin, grandparents) ..... <sub>1</sub>

**Q5 What is your mother currently doing?**

*(Please <tick> only one box.)*

- a) Working full-time <for pay> ..... <sub>1</sub>
- b) Working part-time <for pay> ..... <sub>2</sub>
- c) Not working, but looking for a job ..... <sub>3</sub>
- d) Other (e.g. home duties, retired) ..... <sub>4</sub>

**Q6 What is your father currently doing?**

*(Please <tick> only one box.)*

- a) Working full-time <for pay> ..... <sub>1</sub>
- b) Working part-time <for pay> ..... <sub>2</sub>
- c) Not working, but looking for a job ..... <sub>3</sub>
- d) Other (e.g. home duties, retired) ..... <sub>4</sub>

**Q7 What is your mother's main job? (e.g., <school teacher, nurse, sales manager>)**

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

*Please write in the <job title>.* \_\_\_\_\_

**Q8 What does your mother do in her main job? (e.g., <teaches high school students, cares for patients, manages a sales team>)**

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

\_\_\_\_\_

**Q9 What is your father's main job? (e.g., <school teacher, carpenter, sales manager>)**

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

*Please write in the job title.* \_\_\_\_\_

**Q10 What does your father do in his main job? (e.g., <teaches high school students, builds houses, manages a sales team>)**

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

\_\_\_\_\_

**Q11 Which of the following did your mother complete at <school>?**

*(Please <tick> as many boxes as apply.)*

- a) <ISCED level 3A> ..... <sub>1</sub>
- b) <ISCED level 3B, 3C> ..... <sub>1</sub>
- c) <ISCED level 2> ..... <sub>1</sub>
- d) <ISCED level 1> ..... <sub>1</sub>
- e) None of the above ..... <sub>1</sub>

**Q12 Does your mother have any of the following qualifications?**

*(Please <tick> as many boxes as apply.)*

*Yes*

- a) <ISCED 5A, 6> ..... <sub>1</sub>
- b) <ISCED 5B> ..... <sub>1</sub>
- c) <ISCED 4> ..... <sub>1</sub>

**Q13 Which of the following did your father complete at <school>?**

*(Please <tick> as many boxes as apply.)*

- a) <ISCED level 3A> ..... <sub>1</sub>
- b) <ISCED level 3B, 3C> ..... <sub>1</sub>
- c) <ISCED level 2> ..... <sub>1</sub>
- d) <ISCED level 1> ..... <sub>1</sub>
- e) None of the above ..... <sub>1</sub>

**Q14 Does your father have any of the following qualifications?**

*(Please <tick> as many boxes as apply.)*

*Yes*

- a) <ISCED 5A, 6> ..... <sub>1</sub>
- b) <ISCED 5B> ..... <sub>1</sub>
- c) <ISCED 4> ..... <sub>1</sub>



**Q15a In what country were you and your parents born?**

*(Please <tick> one answer per column.)*

	You	Mother	Father
<Country of test> .....	<input type="checkbox"/> <sub>01</sub>	<input type="checkbox"/> <sub>01</sub>	<input type="checkbox"/> <sub>01</sub>
<Country A> .....	<input type="checkbox"/> <sub>02</sub>	<input type="checkbox"/> <sub>02</sub>	<input type="checkbox"/> <sub>02</sub>
<Country B> .....	<input type="checkbox"/> <sub>03</sub>	<input type="checkbox"/> <sub>03</sub>	<input type="checkbox"/> <sub>03</sub>
<Country C> .....	<input type="checkbox"/> <sub>04</sub>	<input type="checkbox"/> <sub>04</sub>	<input type="checkbox"/> <sub>04</sub>
Other country .....	<input type="checkbox"/> <sub>05</sub>	<input type="checkbox"/> <sub>05</sub>	<input type="checkbox"/> <sub>05</sub>

**Q15b If you were NOT born in <country of test>, how old were you when you arrived in <country of test>?**

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

\_\_\_\_\_ Years

**Q16 What language do you speak at home most of the time?**

*(Please <tick> only one box.)*

<Test language> ..... <sub>01</sub>

<Other official national languages> ..... <sub>02</sub>

<Other national dialects or languages> ..... <sub>03</sub>

<Other language 1> ..... <sub>04</sub>

<Other language 2> ..... <sub>05</sub>

<Other language 3> ..... <sub>06</sub>

Other languages ..... <sub>07</sub>

**Q17 Which of the following do you have in your home?**

*(Please <tick> as many boxes as apply.)*

Yes

- a) A desk to study at ..... <sub>1</sub>
- b) A room of your own ..... <sub>1</sub>
- c) A quiet place to study ..... <sub>1</sub>
- d) A computer you can use for school work ..... <sub>1</sub>
- e) Educational software ..... <sub>1</sub>
- f) A link to the Internet ..... <sub>1</sub>
- g) Your own calculator ..... <sub>1</sub>
- h) Classic literature (e.g., <Shakespeare>) ..... <sub>1</sub>
- i) Books of poetry ..... <sub>1</sub>
- j) Works of art (e.g., paintings) ..... <sub>1</sub>
- k) Books to help with your school work ..... <sub>1</sub>
- l) A dictionary ..... <sub>1</sub>
- m) A dishwasher ..... <sub>1</sub>
- n) <Country-specific item 1> ..... <sub>1</sub>
- o) <Country-specific item 2> ..... <sub>1</sub>
- p) <Country-specific item 3> ..... <sub>1</sub>

**Q18 How many of these do you have at your home?**

*(Please <tick> only one box in each row.)*

	None	One	Two	Three or more
a) <Cellular> phone .....	<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) Television .....	<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) Computer .....	<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) Motor car .....	<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) Bathroom .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q19 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 <tick> only one box.)*

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

**SECTION C: YOUR EDUCATION**

**Q20 Did you attend <ISCED 0>?**

No ..... <sub>1</sub>

Yes, for one year or less ..... <sub>2</sub>

Yes, for more than one year ..... <sub>3</sub>

**Q21 How old were you when you started <ISCED 1>?**

\_\_\_\_\_ *Years*

**Q22 Have you ever repeated a <grade>?**

*(Please <tick> only one box on each row.)*

	<i>No, never</i>	<i>Yes, once</i>	<i>Yes, twice or more</i>
a) At <ISCED 1> .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
b) At <ISCED 2> .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>
c) At <ISCED 3> .....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>

**Q23 Which of the following do you expect to complete?**

*(Please <tick> as many as apply.)*

- a) <ISCED level 2> ..... <sub>1</sub>
- b) <ISCED level 3B or C> ..... <sub>1</sub>
- c) <ISCED level 3A> ..... <sub>1</sub>
- d) <ISCED level 4> ..... <sub>1</sub>
- e) <ISCED level 5B> ..... <sub>1</sub>
- f) <ISCED level 5A or 6> ..... <sub>1</sub>

**Q24 Thinking about what you have learned in school: To what extent do you agree with the following statements?**

*(Please <tick> only one box on each row.)*

- |  | <i>Strongly<br/>agree</i>             | <i>Agree</i>                          | <i>Disagree</i>                       | <i>Strongly<br/>disagree</i>          |
|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a) School has done little to prepare me for adult life when I leave 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) School has been a waste of time. ....   | <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) School has helped give me confidence to make decisions. ....                  | <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) School has taught me things which could be useful in a job. ....              | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> | <input type="checkbox"/> <sub>4</sub> |

**SECTION D: YOUR SCHOOL**

**Q25 Which of the following are reasons why you attend this school?**

*(Please <tick> as many as apply.)*

- a) This is the local school for students who live in this area. .... <sub>1</sub>
- b) This school is known to be a better school than others in the area. .... <sub>1</sub>
- c) This school offers specific study programmes. .... <sub>1</sub>
- d) This school has a particular religious philosophy. .... <sub>1</sub>
- e) Previously, family members attended this school. .... <sub>1</sub>
- f) Other reasons. .... <sub>1</sub>

**Q26 Thinking about the teachers at your school: To what extent do you agree with the following statements?**

*(Please <tick> only one box in each row.)*

- |   | <i>Strongly<br/>agree</i>             | <i>Agree</i>                          | <i>Disagree</i>                       | <i>Strongly<br/>disagree</i>          |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a) Students get along well with most 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) Most teachers are interested in students' well-being. ....     | <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) Most of my teachers really listen to what I have to say. ....  | <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) If I need extra help, I will receive it from my 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) Most of my teachers treat me fairly. ....                      | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> | <input type="checkbox"/> <sub>4</sub> |

**Q27 My school is a place where:**

*(Please <tick> only one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I feel like an outsider (or left out of things). .....	<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) I make friends easily. ....	<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) I feel like I belong. ....	<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) I feel awkward and out of place. ....	<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) Other students seem to like me. ....	<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) I feel lonely. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q28 In the last two full weeks you were in school, how many times did you arrive late for school?**

*(Please <tick> only one box)*

None .....	<input type="checkbox"/> <sub>1</sub>
One or two times .....	<input type="checkbox"/> <sub>2</sub>
Three or four times .....	<input type="checkbox"/> <sub>3</sub>
Five or more times .....	<input type="checkbox"/> <sub>4</sub>



The following question asks about the time you spend studying and doing different kinds of homework outside of your regular classes. This should include **all of your studying and homework**.

**Q29 On average, how many hours do you spend each week on the following?**

*When answering include time at the weekend too.*

- a) Homework or other study set by your teachers ..... \_\_\_\_\_ hours per week
- b) <Remedial classes> at school ..... \_\_\_\_\_ hours per week
- c) <Enrichment classes> at school ..... \_\_\_\_\_ hours per week
- d) Work with a <tutor> ..... \_\_\_\_\_ hours per week
- e) Attending <out-of-school> classes ..... \_\_\_\_\_ hours per week
- f) Other study ..... \_\_\_\_\_ hours per week

**SECTION E: LEARNING MATHEMATICS**

**Q30 Thinking about your views on Mathematics: To what extent do you agree with the following statements?**

*(Please <tick> only one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I enjoy reading about Mathematics. ....	<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) Making an effort in Mathematics is worth it because it will help me in the work that I want to do later on. ....	<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) I look forward to my Mathematics lessons. ....	<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) I do Mathematics because I enjoy it. ....	<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) Learning Mathematics is worthwhile for me because it will improve my career <prospects, chances>. ....	<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) I am interested in the things I learn in Mathematics. ....	<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) Mathematics is an important subject for me because I need it for what I want to study later on. ....	<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) I will learn many things in Mathematics that will help me get a job. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q31 How confident do you feel about having to do the following Mathematics tasks?**

*(Please <tick> only one box in each row.)*

	<i>Very confident</i>	<i>Confident</i>	<i>Not very confident</i>	<i>Not at all confident</i>
a) Using a <train timetable> to work out how long it would take to get from one place to another. ....	<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) Calculating how much cheaper a TV would be after a 30% discount. ....	<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) Calculating how many square metres of tiles you need to cover a floor. ....	<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) Understanding graphs presented in newspapers. ....	<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) Solving an equation like $3x+5= 17$ . ....	<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) Finding the actual distance between two places on a map with a 1:10,000 scale. ....	<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) Solving an equation like $2(x+3)=(x + 3)(x - 3)$ . ....	<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) Calculating the petrol consumption rate of a car. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q32** *Thinking about studying Mathematics: To what extent do you agree with the following statements?*

*(Please <tick> only one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I often worry that it will be difficult for me 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) I am just not good at Mathematics. ....	<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) I get very tense when I have to do Mathematics 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>
d) I get good <marks> in Mathematics. ....	<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) I get very nervous doing Mathematics problems. ....	<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) I learn Mathematics quickly. ....	<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) I have always believed that Mathematics is one of my best subjects. ....	<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) I feel helpless when doing a Mathematics problem. ....	<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) In my Mathematics class, I understand even the most difficult work. ....	<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) I worry that I will get poor <marks> in Mathematics. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

*The following question asks about the time you spend studying and doing Mathematics homework outside of your regular Mathematics classes.*

**Q33 On average, how much time do you spend each week on the following?**

*When answering include time at the weekend too.*

- a) Homework or other study set by your Mathematics teacher ..... \_\_\_\_\_ hours per week
- b) <Remedial classes> in Mathematics at school ..... \_\_\_\_\_ hours per week
- c) <Enrichment classes> in Mathematics at school ..... \_\_\_\_\_ hours per week
- d) Work with a <Mathematics tutor> ..... \_\_\_\_\_ hours per week
- e) Attending <out-of-school> Mathematics classes ..... \_\_\_\_\_ hours per week
- f) Other Mathematics activities (e.g. <Mathematics competitions, Mathematics Club>) ..... \_\_\_\_\_ hours per week

**Q34** *There are different ways of studying Mathematics. To what extent do you agree with the following statements?*

*(Please <tick> only one box in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) When I study for a Mathematics test, I try to work out what are the most important parts to learn. ....	<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) When I am solving Mathematics problems, I often think of new ways to get the answer. ....	<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) When I study Mathematics, I make myself check to see if I remember the work I have already done. ....	<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) When I study Mathematics, I try to figure out which concepts I still have not understood properly. ....	<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) I think how the Mathematics I have learnt can be used in everyday life. ....	<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) I go over some problems in Mathematics so often that I feel as if I could solve them in my sleep. ....	<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) When I study for Mathematics, I learn as much as I can off by heart. ....	<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) I try to understand new concepts in Mathematics by relating them to things I already know. ....	<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) In order to remember the method for solving a Mathematics problem, I go through examples again and again. ....	<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) When I cannot understand something in Mathematics, I always search for more information to clarify the problem. ....	<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) When I am solving a Mathematics problem, I often think about how the solution might be applied to other interesting questions. ....	<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>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
l) When I study Mathematics, I start by working out exactly what I need to learn. ...	<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) To learn Mathematics, I try to remember every step in a procedure. ....	<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) When learning Mathematics, I try to relate the work to things I have learnt in other subjects. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**SECTION F: YOUR <MATHEMATICS> CLASSES**

The following question is about your <Mathematics classes>: The <class period> is the length of time each lesson runs for on a normal day. Some classes may run for ‘double <periods>’, but the <class period> refers to the basic unit of time used to break up your day at school.

**Q35a How many minutes, on average, are there in a <class period>?**

Minutes in a <class period>: \_\_\_\_\_ minutes

**Q35b In the last full week you were in school, how many <class periods> did you spend in <Mathematics>?**

Number of **Mathematics** <class periods>: \_\_\_\_\_ <class periods>

**Q35c In the last full week you were in school, how many <class periods> did you have <in total>?**

Number of **ALL** <class periods>  
(*including your <Mathematics> classes*): \_\_\_\_\_ <class periods>

**Q36 On average, about how many students attend your <Mathematics> class?**

\_\_\_\_\_ students



**Q37** *Thinking about your <Mathematics> classes: To what extent do you agree with the following statements?*

*(Please <tick> 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 be the best in my class in Mathematics. ....	<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) In Mathematics I enjoy working with other students in groups. ....	<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) I try very hard in Mathematics because I want to do better in the exams than the others. ....	<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) When we work on a project in Mathematics, I think that it is a good idea to combine the ideas of all the students in a group. ....	<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) I make a real effort in Mathematics because I want to be one of the best. ....	<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) I do my best work in Mathematics when I work with 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>
g) In Mathematics I always try to do better than the other students in my class. ....	<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) In Mathematics, I enjoy helping others to work well in a group. ....	<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) In Mathematics I learn most when I work with other students in my class. ....	<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) I do my best work in Mathematics when I try to do better than others. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

**Q38 How often do these things happen in your <Mathematics> lessons?**

*(Please <tick> only one box in each row.)*

	<i>Every lesson</i>	<i>Most lessons</i>	<i>Some lessons</i>	<i>Never or hardly ever</i>
a) The teacher shows an interest in every student's learning. ....	<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 don't listen to what the teacher says. ....	<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) The teacher gives extra help when students need it. ....	<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 work from books and other printed material. ....	<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) The teacher helps students with their learning. ....	<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) There is noise and disorder. ....	<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) The teacher continues teaching until the students understand. ....	<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) The teacher has to wait a long time for students to <quieten down>. ....	<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) Students cannot work well. ....	<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) The teacher gives students an opportunity to express opinions. ....	<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) Students don't start working for a long time after the lesson begins. ....	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

Thank you for completing this questionnaire.