*Australia*
*English*

# PISA 2003
# STUDENT QUESTIONNAIRE

| School Name | |
|---|---|
| Student ID | |
| Student Name | |
| | Family Name  Given Name |
| Date of Birth | / / 198 |
| | Day  Month  Year |

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

Learning for Living

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)
- Your use of computers (Section G)
- Your time at school (Section H).

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 year level are you in?**

*Year* _____

**Q1b   Which one of the following programs are you in at school?**

*(Please tick only one box.)*

Year 10 or below in a general academic program ........................................................ ☐ 01

Year 10 or below, in a general program with some VET (vocational) subjects ........... ☐ 02

Year 11 or 12, in a general academic program ........................................................ ☐ 03

Year 11 or 12, in a VET (vocational) course.............................................................. ☐ 04

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

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

_____   _____      *198* ___
*Day*      *Month*           *Year*

**Q3a   Are you female or male?**

*Female*       *Male*

☐ 1           ☐ 2

## Q3b Are you of Aboriginal or Torres Strait Islander origin?

*(If both, please tick both 'Yes' boxes.)*

a) No ..................................................... ☐ 01

b) Yes, Aboriginal ............................................ ☐ 02

c) Yes, Torres Strait Islander ............................ ☐ 03

## 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 ........................................................... ☐₁

b)  Other female guardian (e.g., stepmother or foster mother) ........................................................... ☐₁

c)  Father ........................................................... ☐₁

d)  Other male guardian (e.g., stepfather or foster father) ........................................................... ☐₁

e)  Others (e.g. brother, sister, cousin, grandparents) ...... ☐₁

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

*(Please tick only one box.)*

a)  Working full-time for pay ............................ □₁

b)  Working part-time for pay ........................... □₂

c)  Not working, but looking for a job ............... □₃

d)  Other (e.g. home duties, retired) ................... □₄


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

*(Please tick only one box.)*

a)  Working full-time for pay ............................ □₁

b)  Working part-time for pay ........................... □₂

c)  Not working, but looking for a job ............... □₃

d)  Other (e.g. home duties, retired) ................... □₄

**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)  She completed Year 12 ................................. ☐₁

b)  She completed Year 10 or 11 and then did a training course (e.g. business studies or an apprenticeship) ......................................... ☐₁

c)  She completed some secondary school, but not more than Year 10 ................................. ☐₁

d)  She completed primary school only .............. ☐₁

e)  None of the above ......................................... ☐₁


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

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

*Yes*

a)  A university degree ...................................... ☐₁

b)  A post-secondary training qualification, such as a diploma ......................................... ☐₁

c)  A post-secondary training certificate ........... ☐₁

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

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

a)  He completed Year 12 ...................................  ☐₁

b)  He completed Year 10 or 11, and then did a training course (e.g. business studies or an apprenticeship) .........................................  ☐₁

c)  He completed some secondary school, but not more than Year 10 ..................................  ☐₁

d)  He completed primary school only  .............  ☐₁

e)  None of the above .........................................  ☐₁


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

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

*Yes*

a)  A university degree  ......................................  ☐₁

b)  A post-secondary training qualification, such as a diploma  .........................................  ☐₁

c)  A post-secondary training certificate  ...........  ☐₁

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

*(Please tick one answer per column.)*

|  | You | Mother | Father |
|---|---|---|---|
| a) Australia .................................. | ☐ 01 | ☐ 01 | ☐ 01 |
| b) England ................................... | ☐ 02 | ☐ 02 | ☐ 02 |
| c) New Zealand ........................... | ☐ 03 | ☐ 03 | ☐ 03 |
| d) Italy…………….. ..................... | ☐ 04 | ☐ 04 | ☐ 04 |
| e) Viet Nam……………........... | ☐ 05 | ☐ 05 | ☐ 05 |
| f) Scotland………….…............. | ☐ 06 | ☐ 06 | ☐ 06 |
| g) Greece………….….. .............. | ☐ 07 | ☐ 07 | ☐ 07 |
| h) Germany………….….............. | ☐ 08 | ☐ 08 | ☐ 08 |
| i) Philippines…………..…......... | ☐ 09 | ☐ 09 | ☐ 09 |
| j) Netherlands……………........ | ☐ 10 | ☐ 10 | ☐ 10 |
| k) Lebanon…………................... | ☐ 11 | ☐ 11 | ☐ 11 |
| l) China …………..………….… | ☐ 12 | ☐ 12 | ☐ 12 |
| m) India …………..…………..… | ☐ 13 | ☐ 13 | ☐ 13 |
| n) Malaysia ………..………….. | ☐ 14 | ☐ 14 | ☐ 14 |
| o) Other country ......................... | ……………… | ……………… | ……………… |
|  | (specify) | (specify) | (specify) |

**Q15b  If you were NOT born in Australia how old were you when you arrived in Australia?**

*(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.)*

English ............................................................ ☐ 01

an Indigenous Australian language .............. ☐ 02

Italian ............................................................ ☐ 03

Greek .............................................................. ☐ 04

Cantonese ....................................................... ☐ 05

Mandarin ........................................................ ☐ 06

Arabic ............................................................ ☐ 07

Vietnamese ..................................................... ☐ 08

German ............................................................ ☐ 09

Spanish ............................................................ ☐ 10

Tagalog (Filipino) .......................................... ☐ 11

Other, please specify .....................................

## 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 .......................................... ☐₁

b) A room of your own ..................................... ☐₁

c) A quiet place to study .................................... ☐₁

d) A computer you can use for school work ..... ☐₁

e) Educational software .................................... ☐₁

f) A link to the Internet .................................... ☐₁

g) Your own calculator .................................... ☐₁

h) Classic literature (e.g., Shakespeare, Dickens, Patrick White) ............................. ☐₁

i) Books of poetry ........................................... ☐₁

j) Works of art (e.g., paintings) ....................... ☐₁

k) Books to help with your school work ........... ☐₁

l) A dictionary ................................................. ☐₁

m) A dishwasher .............................................. ☐₁

**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)  Mobile phone | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| b)  Television | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| c)  Computer | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| d)  Motor car | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| e)  Bathroom | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |

**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 ............................................ $\square_1$

11-25 books .......................................... $\square_2$

26-100 books ........................................ $\square_3$

101-200 books ...................................... $\square_4$

201-500 books ...................................... $\square_5$

More than 500 books ............................. $\square_6$

## SECTION C:    YOUR EDUCATION

**Q20    Did you attend kindergarten or pre-school?**

No ..................................................... $\square_1$

Yes, for one year or less .................. $\square_2$

Yes, for more than one year ............ $\square_3$

**Q21    How old were you when you started primary school?**

_____ *Years*

**Q22    Have you ever repeated a year level?**

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

| | *No, never* | *Yes, once* | *Yes, twice or more* |
|---|---|---|---|
| a)  At primary school.............. | $\square_1$ | $\square_2$ | $\square_3$ |
| b)  At lower secondary (up to and including Year 10) ........................................... | $\square_1$ | $\square_2$ | $\square_3$ |
| c)  At Year 11 or 12................ | $\square_1$ | $\square_2$ | $\square_3$ |

**Q23**   **Which of the following do you <u>expect</u> to complete?**

*(Please tick as many as apply.)*

a)  Year 10 ........................................................ ☐₁

b)  Year 10, or 11, followed by a training course (e.g. in business studies or an apprenticeship) ........................................... ☐₁

c)  Year 12 ....................................................... ☐₁

d)  a post-secondary training certificate ............. ☐₁

e)  a post-secondary training qualification such as a diploma ....................................... ☐₁

f)  a university degree ....................................... ☐₁


**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.)*

|  | *Strongly agree* | *Agree* | *Disagree* | *Strongly disagree* |
|---|---|---|---|---|
| a)  School has done little to prepare me for adult life when I leave school. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| b)  School has been a waste of time. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| c)  School has helped give me confidence to make decisions. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| d)  School has taught me things which could be useful in a job. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |

## 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. ................... ☐₁

b) This school is known to be a better school than others in the area. ..... ☐₁

c) This school offers specific study programs. ........................................ ☐₁

d) This school has a particular religious philosophy. .............................. ☐₁

e) Previously, family members attended this school. .............................. ☐₁

f) Other reasons. ................................................................................. ☐₁


**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.)*

|  | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) Students get along well with most teachers. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| b) Most teachers are interested in students' well-being. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| c) Most of my teachers really listen to what I have to say. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| d) If I need extra help, I will receive it from my teachers. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |
| e) Most of my teachers treat me fairly. | ☐₁ | ☐₂ | ☐₃ | ☐₄ |

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

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

|  | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) I feel like an outsider (or left out of things). | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| b) I make friends easily. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| c) I feel like I belong. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| d) I feel awkward and out of place. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| e) Other students seem to like me. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| f) I feel lonely. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |

**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 ........................................................ $\square_1$

One or two times ........................................... $\square_2$

Three or four times ........................................ $\square_3$

Five or more times ......................................... $\square_4$

*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**.*

## Q29a  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

## Q29b  On average, how many hours do you spend *each week* on the following?

*When answering include time at the weekend too.*

a) Working at a paid job (not at home) ........................... _____ hours per week

b) Watching TV .............................................................. _____ hours per week

c) Listening to music ...................................................... _____ hours per week

d) Playing sports ............................................................. _____ 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.)*

| | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) I enjoy reading about Mathematics. | □₁ | □₂ | □₃ | □₄ |
| b) Making an effort in Mathematics is worth it because it will help me in the work that I want to do later on. | □₁ | □₂ | □₃ | □₄ |
| c) I look forward to my Mathematics lessons. | □₁ | □₂ | □₃ | □₄ |
| d) I do Mathematics because I enjoy it. | □₁ | □₂ | □₃ | □₄ |
| e) Learning Mathematics is worthwhile for me because it will improve my career prospects. | □₁ | □₂ | □₃ | □₄ |
| f) I am interested in the things I learn in Mathematics. | □₁ | □₂ | □₃ | □₄ |
| g) Mathematics is an important subject for me because I need it for what I want to study later on. | □₁ | □₂ | □₃ | □₄ |
| h) I will learn many things in Mathematics that will help me get a job. | □₁ | □₂ | □₃ | □₄ |

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

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

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

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

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

| | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) I often worry that it will be difficult for me in Mathematics classes. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| b) I am just not good at Mathematics. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| c) I get very tense when I have to do Mathematics homework. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| d) I get good marks in Mathematics. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| e) I get very nervous doing Mathematics problems. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| f) I learn Mathematics quickly. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| g) I have always believed that Mathematics is one of my best subjects. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| h) I feel helpless when doing a Mathematics problem. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| i) In my Mathematics class, I understand even the most difficult work. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| j) I worry that I will get poor marks in Mathematics. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |

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

**Q33   On average, how much time do you spend <u>*each week*</u> 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.)*

| | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) When I study for a Mathematics test, I try to work out what are the most important parts to learn. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| b) When I am solving Mathematics problems, I often think of new ways to get the answer. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| c) When I study Mathematics, I make myself check to see if I remember the work I have already done. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| d) When I study Mathematics, I try to figure out which concepts I still have not understood properly. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| e) I think how the Mathematics I have learnt can be used in everyday life. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| f) I go over some problems in Mathematics so often that I feel as if I could solve them in my sleep. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| g) When I study for Mathematics, I learn as much as I can off by heart. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| h) I try to understand new concepts in Mathematics by relating them to things I already know. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| i) In order to remember the method for solving a Mathematics problem, I go through examples again and again. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| j) When I cannot understand something in Mathematics, I always search for more information to clarify the problem. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| k) When I am solving a Mathematics problem, I often think about how the solution might be applied to other interesting questions. | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |

|  |  | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|---|
| l) | When I study Mathematics, I start by working out exactly what I need to learn. ... | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| m) | To learn Mathematics, I try to remember every step in a procedure. ........................... | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |
| n) | When learning Mathematics, I try to relate the work to things I have learnt in other subjects. ...................................................... | $\square_1$ | $\square_2$ | $\square_3$ | $\square_4$ |

**SECTION F:     YOUR MATHEMATICS CLASSES**

The following questions are 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.)*

|  | Strongly agree | Agree | Disagree | Strongly disagree |
|---|---|---|---|---|
| a) I would like to be the best in my class in Mathematics. | □₁ | □₂ | □₃ | □₄ |
| b) In Mathematics I enjoy working with other students in groups. | □₁ | □₂ | □₃ | □₄ |
| c) I try very hard in Mathematics because I want to do better in the exams than the others. | □₁ | □₂ | □₃ | □₄ |
| 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. | □₁ | □₂ | □₃ | □₄ |
| e) I make a real effort in Mathematics because I want to be one of the best. | □₁ | □₂ | □₃ | □₄ |
| f) I do my best work in Mathematics when I work with other students. | □₁ | □₂ | □₃ | □₄ |
| g) In Mathematics I always try to do better than the other students in my class. | □₁ | □₂ | □₃ | □₄ |
| h) In Mathematics, I enjoy helping others to work well in a group. | □₁ | □₂ | □₃ | □₄ |
| i) In Mathematics I learn most when I work with other students in my class. | □₁ | □₂ | □₃ | □₄ |
| j) I do my best work in Mathematics when I try to do better than others. | □₁ | □₂ | □₃ | □₄ |

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

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

| | Every lesson | Most lessons | Some lessons | Never or hardly ever |
|---|---|---|---|---|
| a) The teacher shows an interest in every student's learning. ........................................ | ☐1 | ☐2 | ☐3 | ☐4 |
| b) Students don't listen to what the teacher says. ............................................................. | ☐1 | ☐2 | ☐3 | ☐4 |
| c) The teacher gives extra help when students need it. . .......................................................... | ☐1 | ☐2 | ☐3 | ☐4 |
| d) Students work from books and other printed material. .............................................. | ☐1 | ☐2 | ☐3 | ☐4 |
| e) The teacher helps students with their learning. ......................................................... | ☐1 | ☐2 | ☐3 | ☐4 |
| f) There is noise and disorder. ......................... | ☐1 | ☐2 | ☐3 | ☐4 |
| g) The teacher continues teaching until the students understand. ..................................... | ☐1 | ☐2 | ☐3 | ☐4 |
| h) The teacher has to wait a long time for students to quieten down. ............................ | ☐1 | ☐2 | ☐3 | ☐4 |
| i) Students cannot work well. ......................... | ☐1 | ☐2 | ☐3 | ☐4 |
| j) The teacher gives students an opportunity to express opinions. ..................................... | ☐1 | ☐2 | ☐3 | ☐4 |
| k) Students don't start working for a long time after the lesson begins. ......................... | ☐1 | ☐2 | ☐3 | ☐4 |

**SECTION G:     COMPUTERS**

*The following questions ask about computers: This does not include calculators or games consoles like a Sony PlayStation™.*

**Q39     Is there a computer available for you to use at any of these places?**

*(Please tick one box on each row.)*

|  | Yes | No |
|---|---|---|
| a)  At home | □₁ | □₂ |
| b)  At school | □₁ | □₂ |
| c)  At other places | □₁ | □₂ |

**Q40     Have you ever used a computer?**

| Yes | No |
|---|---|
| □₁ | □₂ |

If you use a computer in any setting, please continue.

If you do not, please go to Section H

**Q41     How long have you been using computers?**

*(Please tick only one box.)*

| | |
|---|---|
| Less than one year. | □₁ |
| One to three years. | □₂ |
| Three to five years. | □₃ |
| More than five years. | □₄ |

**Q42    How <u>often</u> do you use a computer at these places?**

*(Please tick one box on each row.)*

| | Almost every day | A few times each week | Between once a week and once a month | Less than once a month | Never |
|---|---|---|---|---|---|
| a)  At home | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| b)  At school | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| c)  At other places | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |

## Q43    How <u>often</u> do you use:

*(Please tick one box on each row.)*

| | *Almost every day* | *A few times each week* | *Between once a week and once a month* | *Less than once a month* | *Never* |
|---|---|---|---|---|---|
| a) the Internet to look up information about people, things, or ideas? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| b) games on a computer? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| c) Word processing (e.g. Word ® or WordPerfect®)? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| d) the Internet to collaborate with a group or team? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| e) spreadsheets (e.g. Lotus 1 2 3 ® or Microsoft Excel®)? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| f) the Internet to download software (including games)? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| g) drawing, painting or graphics programs on a computer? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| h) educational software such as Mathematics programs? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| i) the computer to help you learn school material? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| j) the Internet to down-load music? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| k) the computer for programming? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |
| l) a computer for electronic communication (e.g. email or "chat rooms")? | ☐₁ | ☐₂ | ☐₃ | ☐₄ | ☐₅ |

## Q44 How well can you do each of these tasks on a computer?

*(Please tick one box on each row.)*

| | I can do this very well by myself. | I can do this with help from someone. | I know what this means but I cannot do it. | I don't know what this means. |
|---|---|---|---|---|
| a) Start a computer game. | ☐1 | ☐2 | ☐3 | ☐4 |
| b) Use software to find and get rid of computer viruses. | ☐1 | ☐2 | ☐3 | ☐4 |
| c) Open a file. | ☐1 | ☐2 | ☐3 | ☐4 |
| d) Create/edit a document. | ☐1 | ☐2 | ☐3 | ☐4 |
| e) Scroll a document up and down a screen. | ☐1 | ☐2 | ☐3 | ☐4 |
| f) Use a database to produce a list of addresses. | ☐1 | ☐2 | ☐3 | ☐4 |
| g) Copy a file from a floppy disk. | ☐1 | ☐2 | ☐3 | ☐4 |
| h) Save a computer document or file. | ☐1 | ☐2 | ☐3 | ☐4 |
| i) Print a computer document or file. | ☐1 | ☐2 | ☐3 | ☐4 |
| j) Delete a computer document or file. | ☐1 | ☐2 | ☐3 | ☐4 |
| k) Move files from one place to another on a computer. | ☐1 | ☐2 | ☐3 | ☐4 |
| l) Get on to the Internet. | ☐1 | ☐2 | ☐3 | ☐4 |
| m) Copy or download files from the Internet. | ☐1 | ☐2 | ☐3 | ☐4 |
| n) Attach a file to an email message. | ☐1 | ☐2 | ☐3 | ☐4 |
| o) Create a computer program (e.g. in Logo, Pascal, Basic). | ☐1 | ☐2 | ☐3 | ☐4 |
| p) Use a spreadsheet to plot a graph. | ☐1 | ☐2 | ☐3 | ☐4 |

|  | *I can do this very well by myself.* | *I can do this with help from someone.* | *I know what this means but I cannot do it.* | *I don't know what this means.* |
|---|---|---|---|---|
| q) Create a presentation (e.g. using PowerPoint). | □₁ | □₂ | □₃ | □₄ |
| r) Play computer games. | □₁ | □₂ | □₃ | □₄ |
| s) Download music from the Internet. | □₁ | □₂ | □₃ | □₄ |
| t) Create a multi-media presentation (with sound, pictures, video). | □₁ | □₂ | □₃ | □₄ |
| u) Draw pictures using a mouse. | □₁ | □₂ | □₃ | □₄ |
| v) Write and send emails. | □₁ | □₂ | □₃ | □₄ |
| w) Construct a web page. | □₁ | □₂ | □₃ | □₄ |

**Q45** *Thinking about your experience with computers:* **To what extent do you agree with the following statements?**

*(Please tick one box on each row.)*

|  | *Strongly agree* | *Agree* | *Disagree* | *Strongly disagree* |
|---|---|---|---|---|
| a) It is very important to me to work with a computer. | □₁ | □₂ | □₃ | □₄ |
| b) I think playing or working with a computer is really fun. | □₁ | □₂ | □₃ | □₄ |
| c) I use a computer because I am very interested. | □₁ | □₂ | □₃ | □₄ |
| d) I lose track of time when I am working with the computer. | □₁ | □₂ | □₃ | □₄ |

**Q46    Who taught you <u>most</u> about how to use COMPUTERS?**

*(Please tick only one box.)*

My school.                                          ☐<sub>1</sub>

My friends.                                         ☐<sub>2</sub>

My family.                                          ☐<sub>3</sub>

I taught myself.                                    ☐<sub>4</sub>

Others.                                             ☐<sub>5</sub>


**Q47    Who taught you <u>most</u> about how to use the INTERNET?**

*(Please tick only one box.)*

I don't know how to use the Internet.               ☐<sub>1</sub>

My school.                                          ☐<sub>2</sub>

My friends.                                         ☐<sub>3</sub>

My family.                                          ☐<sub>4</sub>

I taught myself.                                    ☐<sub>5</sub>

Others.                                             ☐<sub>6</sub>

## SECTION H: YOUR TIME AT SCHOOL

**Q48  Did you ever miss two or more consecutive months of primary school?**

*(Please tick only one box.)*

No, never .......................... ☐₁

Yes, once .......................... ☐₂

Yes, twice or more ............ ☐₃

**Q49  Did you ever miss two or more consecutive months of lower secondary school (up to Year 10)?**

*(Please tick only one box.)*

No, never .......................... ☐₁

Yes, once .......................... ☐₂

Yes, twice or more ............ ☐₃

**Q50  Did you change schools when you were attending primary school?**

*(Please tick only one box.)*

No, I attended all of primary school at the same school. .... ☐₁

Yes, I changed schools once. ................................................ ☐₂

Yes, I changed schools twice or more. ................................ ☐₃

**Q51** **Did you change schools when you were attending lower secondary (up to Year 10)?**

*(Please tick only one box.)*

No, I attended all of lower secondary at the same school. .. ☐₁

Yes, I changed schools once. ............................................... ☐₂

Yes, I changed schools twice or more. ............................... ☐₃

**Q52** **Have you changed your study program since you started in secondary school?**

*(For example, you may have changed from a general academic course to a vocational course)*

*Yes*     *No*

☐₁    ☐₂

**Q53** **What type of Mathematics class are you in?**

*(Please tick only one box.)*

high level .......................... ☐₁

medium level ..................... ☐₂

low level .......................... ☐₃

**Q54** **In your last school report, how did your mark in Mathematics compare with the pass mark?**

*(Please tick only one box.)*

At or above the pass mark ........................... ☐₁

Below the pass mark .................................... ☐₂

**Q55** **What kind of job do you expect to have when you are about 30 years old?**

*Write the job title.* _____

**Every student taking part in this study will be sent a Certificate of Participation and will be approached to be involved in a follow up study.**

**Please provide the following details:**

NAME

ADDRESS

Number and Street

Suburb/Town

State                              Post Code

Phone No    (      )

*Please note: All address details will be erased from the database at the conclusion of the study.*

## THANK YOU FOR COMPLETING THIS QUESTIONNAIRE