OECD Program for
International Student Assessment 2003

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

PISA 2003

STUDENT QUESTIONNAIRE

STOP

PLEASE DO NOT TURN THE PAGE UNTIL INSTRUCTED TO DO SO.

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 experience at school (Section G).
- Information communication technology (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 checking a box. For a few questions you will need to write a short answer.

If you make a mistake when checking 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

Q1 What grade are you in?

_____

grade

Q2 On what date were you born?

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

_____ _____ *198* ___

Month *Day* *Year*

Q3a Are you female or male?

Female *Male*

☐$_1$ ☐$_2$

Q3b Which best describes you?

(Please check one box only.)

a) I am Hispanic or Latino..... ☐$_1$

b) I am **not** Hispanic or Latino ..... ☐$_2$

Q3c Which of these categories best indicate your race?

(Check all that apply.)

a) White ..... ☐ 1

b) Black or African American ..... ☐ 1

c) Asian ..... ☐ 1

d) American Indian or Alaska Native ..... ☐ 1

e) Native Hawaiian or other Pacific Islander..... ☐ 1

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 check 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 check 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 check 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 check as many boxes as apply.)

a) High school diploma..... ☐ 1

b) High school equivalency or GED ..... ☐ 1

c) Middle or junior high school ..... ☐ 1

d) Elementary school ..... ☐ 1

e) None of the above ..... ☐ 1

Q12 Does your mother have any of the following qualifications?

(Please check as many boxes as apply.)

	Yes
a) Bachelor's, master's, doctorate or professional degree such as law or medicine	☐ 1
b) Associate's degree	☐ 1
c) Vocational or technical certificate/diploma after high school	☐ 1

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

(Please check as many boxes as apply.)

a) High school diploma ..... ☐ 1

b) High school equivalency or GED ..... ☐ 1

c) Middle or junior high school ..... ☐ 1

d) Elementary school ☐ 1

e) None of the above ..... ☐ 1

Q14 Does your father have any of the following qualifications?

(Please check as many boxes as apply.)

	Yes
a) Bachelor's, master's, doctorate or professional degree such as law or medicine	☐ 1
b) Associate's degree	☐ 1
c) Vocational or technical certificate/diploma after high school	☐ 1

Q15a In what country were you and your parents born?

(Please check one answer per column.)

	You	Mother	Father
United States*	☐ 01	☐ 01	☐ 01
Other country	☐ 02	☐ 02	☐ 02

Q15b If <u>you</u> were NOT born in the United States*, how old were you when you arrived in the United States*?

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

_____ *Years*

*NOTE: 'United States' includes the 50 states and U.S. military bases abroad.

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

(Please check only one box.)

English..... ☐ 01

Spanish ..... ☐ 02

Other language ..... ☐ 03

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

(Please check 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, Jane Austen, Mark Twain)	☐ 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 check only one box in each row.)

		None	One	Two	Three or more
a)	Cellular phone	☐ 1	☐ 2	☐ 3	☐ 4
b)	Television	☐ 1	☐ 2	☐ 3	☐ 4
c)	Computer	☐ 1	☐ 2	☐ 3	☐ 4
d)	Car	☐ 1	☐ 2	☐ 3	☐ 4
e)	Bathroom	☐ 1	☐ 2	☐ 3	☐ 4

Q19 How many books are there in your home?

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

(Please check only one box.)

0-10 books ..... ☐ 1

11-25 books ..... ☐ 2

26-100 books ..... ☐ 3

101-200 books ..... ☐ 4

201-500 books ..... ☐ 5

More than 500 books ..... ☐ 6

SECTION C: YOUR EDUCATION

Q20 Did you attend kindergarten?

No ..... ☐ 1

Yes, for one year or less ..... ☐ 2

Yes, for more than one year ..... ☐ 3

Q21 How old were you when you started elementary school?

_____ *Years*

Q22 Have you ever repeated a grade?

(Please check only one box on each row.)

	No, never	*Yes, once*	*Yes, twice or more*
a) In elementary school	☐ 1	☐ 2	☐ 3
b) In middle or junior high school.....	☐ 1	☐ 2	☐ 3
c) In high school	☐ 1	☐ 2	☐ 3

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

(Please check as many as apply.)

a) Middle or junior high school ..... ☐ 1

b) High school..... ☐ 1

c) Vocational or technical certificate after high school (such as cosmetology or auto mechanics) ..... ☐ 1

d) Associate's degree..... ☐ 1

e) Bachelor's degree or higher..... ☐ 1

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

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

(Please check 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

Q26 **In the last two full weeks you were in school, how many times did you arrive late for school?**

(Please check only one box)

None ..... ☐ 1

One or two times ..... ☐ 2

Three or four times ..... ☐ 3

Five or more times ..... ☐ 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****.*

Q27 On average, how many hours do you spend *each week* on the following?

When answering include time on the weekend too.

a) Homework or other study assigned by your teachers ..... _____ hours per week

b) Remedial classes at school ..... _____ hours per week

c) Enrichment classes at school ..... _____ hours per week

d) Working 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

Q28 *Thinking about your views on mathematics:* To what extent do you agree with the following statements?

(Please check 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

Q29 How confident do you feel about having to do the following mathematics tasks?

(Please check 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 feet of tile 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 1:100 scale.	☐ 1	☐ 2	☐ 3	☐ 4
g) Solving an equation like $2(x+3)=(x + 3)(x - 3)$.	☐ 1	☐ 2	☐ 3	☐ 4
h) Calculating the gas mileage of a car.	☐ 1	☐ 2	☐ 3	☐ 4

Q30 *Thinking about studying mathematics:* **To what extent do you agree with the following statements?**

(Please check 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.	☐ 1	☐ 2	☐ 3	☐ 4
b) I am just not good at mathematics.	☐ 1	☐ 2	☐ 3	☐ 4
c) I get very tense when I have to do mathematics homework.	☐ 1	☐ 2	☐ 3	☐ 4
d) I get good grades in mathematics.	☐ 1	☐ 2	☐ 3	☐ 4
e) I get very nervous doing mathematics problems.	☐ 1	☐ 2	☐ 3	☐ 4
f) I learn mathematics quickly.	☐ 1	☐ 2	☐ 3	☐ 4
g) I have always believed that mathematics is one of my best subjects.	☐ 1	☐ 2	☐ 3	☐ 4
h) I feel helpless when doing a mathematics problem.	☐ 1	☐ 2	☐ 3	☐ 4
i) In my mathematics class, I understand even the most difficult work.	☐ 1	☐ 2	☐ 3	☐ 4
j) I worry that I will get poor grades in mathematics.	☐ 1	☐ 2	☐ 3	☐ 4

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

Q31 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 assigned 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) Working 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

Q32 *There are different ways of studying mathematics.* **To what extent do you agree with the following statements?**

(Please check only one box in each row.)

	Strongly agree	*Agree*	*Disagree*	*Strongly disagree*
a) When I study for a mathematics test, I try to figure out the most important parts to learn.	☐ 1	☐ 2	☐ 3	☐ 4
b) When I am solving mathematics problems, I often think of new ways to get the answer.	☐ 1	☐ 2	☐ 3	☐ 4
c) When I study mathematics, I make myself check to see if I remember the work I have already done.	☐ 1	☐ 2	☐ 3	☐ 4
d) When I study mathematics, I try to figure out which concepts I still have not understood properly.	☐ 1	☐ 2	☐ 3	☐ 4
e) I think about how the mathematics I have learned can be used in everyday life.	☐ 1	☐ 2	☐ 3	☐ 4
f) I go over some problems in mathematics so often that I feel as if I could solve them in my sleep.	☐ 1	☐ 2	☐ 3	☐ 4
g) When I study for mathematics, I learn as much as I can by heart.	☐ 1	☐ 2	☐ 3	☐ 4
h) I try to understand new concepts in mathematics by relating them to things I already know.	☐ 1	☐ 2	☐ 3	☐ 4
i) In order to remember the method for solving a mathematics problem, I go through examples again and again.	☐ 1	☐ 2	☐ 3	☐ 4
j) When I cannot understand something in mathematics, I always search for more information to clarify the problem.	☐ 1	☐ 2	☐ 3	☐ 4
k) When I am solving a mathematics problem, I often think about how the solution might be applied to other interesting questions.	☐ 1	☐ 2	☐ 3	☐ 4

	Strongly agree	*Agree*	*Disagree*	*Strongly disagree*
l) When I study mathematics, I start by figuring out exactly what I need to learn.	☐ 1	☐ 2	☐ 3	☐ 4
m) To learn mathematics, I try to remember every step in a procedure.	☐ 1	☐ 2	☐ 3	☐ 4
n) When learning mathematics, I try to relate the work to things I have learned in other subjects.	☐ 1	☐ 2	☐ 3	☐ 4

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.

Q33a How many minutes, on average, are there in a class period?

Minutes in a class period: _____ minutes

Q33b 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

Q33c 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

Q34 On average, about how many students are in your mathematics class?

_____ students

Q35 *Thinking about your mathematics classes:* **To what extent do you agree with the following statements?**

(Please check 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 on 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

Q36 How often do these things happen in your mathematics classes?

(Please check 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 quiet 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 class begins.	☐ 1	☐ 2	☐ 3	☐ 4

SECTION G: YOUR EXPERIENCE AT SCHOOL

Q37 Did you ever miss two or more consecutive months of elementary school?

(Please check only one box.)

No, never ..... ☐ 1

Yes, once ..... ☐ 2

Yes, twice or more ..... ☐ 3

Q38 Did you ever miss two or more consecutive months of middle or junior high school?

(Please check only one box.)

No, never ..... ☐ 1

Yes, once ..... ☐ 2

Yes, twice or more ..... ☐ 3

Q39 Did you change schools when you were attending elementary school?

(Please check only one box.)

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

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

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

Q40 Did you change schools when you were attending middle or junior high school?

(Please check only one box.)

No, I attended all of middle/junior high school at the same school. ..... ☐ 1

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

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

Q41 What type of mathematics class are you taking?

(Please check only one box.)

Pre-algebra or general mathematics ..... ☐ 1

Algebra I ..... ☐ 2

Geometry..... ☐ 3

Algebra II ..... ☐ 4

Precalculus or calculus..... ☐ 5

Other ..... ☐ 6

Q42 In your last school report, how did your grade in mathematics compare with the passing grade?

(Please check only one box.)

At or above the passing grade ..... ☐ 1

Below the passing grade ..... ☐ 2

Q43 What kind of job do you expect to have when you are about 30 years old?

Write the job title. _____

SECTION H: INFORMATION COMMUNICATION TECHNOLOGY

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

Q44 Is there a computer available for you to use at any of these places?

(Please check one box on each row.)

	Yes	*No*
a) At home	☐ 1	☐ 2
b) At school	☐ 1	☐ 2
c) At other places	☐ 1	☐ 2

Q45 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 STOP HERE**.

Q46 How long have you been using computers?

(Please check only one box.)

Less than one year. ..... ☐ 1

One to three years. ..... ☐ 2

Three to five years. ..... ☐ 3

More than five years. ..... ☐ 4

Q47 How <u>often</u> do you use a computer at these places?

(Please check 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

Q48 How <u>often</u> do you use:

(Please check 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 download music?	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
k) the computer for programming?	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
l) a computer for electronic communication (e.g. e-mail or "chat rooms")?	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5

Q49 How well can you do each of these tasks on a computer?

(Please check 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 e-mail 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
q) Create a presentation (e.g. using PowerPoint).	☐ 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.*
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 e-mails.	☐ 1	☐ 2	☐ 3	☐ 4
w) Construct a web page.	☐ 1	☐ 2	☐ 3	☐ 4

Q50 *Thinking about your experience with computers:* **To what extent do you agree with the following statements?**

(Please check 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 in computers.	☐ 1	☐ 2	☐ 3	☐ 4
d) I lose track of time when I am working with the computer.	☐ 1	☐ 2	☐ 3	☐ 4

Q51 Who taught you most about how to use COMPUTERS?

(Please check only one box.)

My school. ..... ☐ 1

My friends. ..... ☐ 2

My family. ..... ☐ 3

I taught myself. ..... ☐ 4

Others. ..... ☐ 5

Q52 Who taught you most about how to use the INTERNET?

(Please check only one box.)

I don't know how to use the Internet. ..... ☐ 1

My school. ..... ☐ 2

My friends. ..... ☐ 3

My family. ..... ☐ 4

I taught myself. ..... ☐ 5

Others. ..... ☐ 6

Thank you for completing this questionnaire.