OECD Programme for
International Student Assessment 2012

PARENT QUESTIONNAIRE FOR PISA 2012

(INTERNATIONAL OPTION)

Main Survey

No notes version

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Consortium:

Australian Council for Educational Research (ACER, Australia)

cApStAn Linguistic Quality Control (Belgium)

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What is this questionnaire about?

<The student who brought this questionnaire home> was selected to participate in the Programme for International Student Assessment (PISA), a research study which mainly focuses on the mathematical literacy of students who are 15 and 16 years old. The study is organised by the Organisation for Economic Cooperation and Development (OECD) and it surveys students from about 70 different countries.

In the PISA study, students are asked to answer questions that involve reading, scientific, mathematical and problem solving literacy and to provide information on their background, beliefs and opinions on issues that generally relate to mathematics, schooling and their careers. As part of the study, we are also surveying students' parents on a number of similar topics including:

- parents' background
- cost of educational service
- attitudes to child's school
- parents' involvement with school
- school choice
- parental support for learning in the home
- mathematics in child's career and job market
- academic and professional expectations in mathematics
- child's past academic performance
- child's career interests
- parents' migration background

The information you provide will be extremely valuable in building up a picture of how mathematical literacy develops in students and what influences its development.

When I am asked about <mathematics>, what should I think about?

For the purpose of this questionnaire, mathematics refers to the skills and knowledge acquired in subjects like algebra, geometry and trigonometry.

Who should complete this questionnaire?

This **survey** should be completed by a parent (or jointly by both parents) or other <primary caregiver> of the student. To make the wording of the questions simple, <the student who brought this questionnaire home> is often referred to as 'your child'.

We ask **you** to respond to all the questions you feel comfortable answering. There are no right or wrong answers and we assure you that your responses to this survey will be kept confidential.

More information on the PISA study can be found on the Internet at http://www.pisa.oecd.org/

SECTION A: PARENTAL BACKGROUND

PA01

Q Who will complete this questionnaire?

(Please tick all that apply.)

a) Mother or other female guardian ☐1

b) Father or other male guardian ☐1

c) Other ☐1

(If other, please specify) _____

PA02

Q How old are the child's parents?

(Please tick one box in each row.)

	Younger than 36 years	*36 – 40 years*	*41 – 45 years*	*46 – 50 years*	*51 years or older*
a) Father	☐1	☐2	☐3	☐4	☐5
b) Mother	☐1	☐2	☐3	☐4	☐5

PA03

Q Does the child's father have any of the following qualifications?

(Please tick one box in each row.)

	Yes	*No*
a) <ISCED level 5A, 6>	☐ 1	☐ 2
b) <ISCED level 5B>	☐ 1	☐ 2
c) <ISCED level 4>	☐ 1	☐ 2
d) <ISCED level 3A>	☐ 1	☐ 2

PA04

Q What is the main job of the child's father? (e.g. school teacher, kitchen-hand, sales manager.)

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

Please write in the job title. _____

Q What does the child's father do in his main job? (e.g. teaches high school students, helps the cook prepare meals in a restaurant, manages a sales team.)

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

_____

PA05

Q Does the child's mother have any of the following qualifications?

(Please tick one box in each row.)

	Yes	*No*
a) <ISCED level 5A, 6>	☐ 1	☐ 2
b) <ISCED level 5B>	☐ 1	☐ 2
c) <ISCED level 4>	☐ 1	☐ 2
d) <ISCED level 3A>	☐ 1	☐ 2

PA06

Q What is the main job of the child's mother? (e.g. school teacher, kitchen-hand, sales manager.)

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

Please write in the job title. _____

Q What does the child's mother do in her main job? (e.g. teaches high school students, helps the cook prepare meals in a restaurant, manages a sales team.)

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

_____

Q What is your annual household income?

Please add together the total income, before tax, from all members of your household.

Please remember we ask you to answer questions only if you feel comfortable doing so, and that all responses are kept ***strictly confidential****.*

(Please tick only one box.)

Less than <$A>	☐ 1
<$A> or more but less than <$B>	☐ 2
<$B> or more but less than <$C>	☐ 3
<$C> or more but less than <$D>	☐ 4
<$D> or more but less than <$E>	☐ 5
<$E> or more	☐ 6

SECTION B: COST OF EDUCATIONAL SERVICE

PA08

Q Please answer the following question thinking just of expenses related to <the student who brought this questionnaire home>.

In the last twelve months, about how much would you have paid to educational providers for <u>services</u>?

In determining this, please include any tuition fees you pay to your child's school, any other fees paid to individual teachers in the school or to other teachers for any tutoring your child receives, as well as any fees for cram school.

*Do **not** include the costs of <u>goods</u> like sports equipment, school uniforms, computers or textbooks if they are not included in a general fee (that is, if you have to buy these things separately).*

(Please tick only one box.)

Nothing	☐ 1
<More than $0 but less than $W>	☐ 2
<$W or more but less than $X>	☐ 3
<$X or more but less than $Y>	☐ 4
<$Y or more but less than $Z>	☐ 5
<$Z> or more	☐ 6

SECTION C: ATTITUDES TO CHILD'S SCHOOL

PA09

Q *We are interested in what you think about your child's school.*

How much do you agree or disagree with the following statements?

(Please tick only one box in each row.)

	Strongly agree	*Agree*	*Disagree*	*Strongly disagree*
a) Most of my child's school teachers seem competent and dedicated.	☐ 1	☐ 2	☐ 3	☐ 4
b) Standards of achievement are high in my child's school.	☐ 1	☐ 2	☐ 3	☐ 4
c) I am happy with the content taught and the instructional methods used in my child's school.	☐ 1	☐ 2	☐ 3	☐ 4
d) I am satisfied with the disciplinary atmosphere in my child's school.	☐ 1	☐ 2	☐ 3	☐ 4
e) My child's progress is carefully monitored by the school.	☐ 1	☐ 2	☐ 3	☐ 4
f) My child's school provides regular and useful information on my child's progress.	☐ 1	☐ 2	☐ 3	☐ 4
g) My child's school does a good job in educating students.	☐ 1	☐ 2	☐ 3	☐ 4

SECTION D: PARENTS' INVOLVEMENT WITH SCHOOL

PA10

Q During the last <academic year>, have you participated in any of the following school-related activities?

(Please tick one box in each row.)

	Yes	*No*
a) Discussed my child's behaviour with a teacher on my own initiative.	☐ 1	☐ 2
b) Discussed my child's behaviour on the initiative of one of his/her teachers.	☐ 1	☐ 2
c) Volunteered in physical activities, e.g. building maintenance, carpentry, gardening or yard work.	☐ 1	☐ 2
d) Volunteered in extra-curricular activities, e.g. book club, school play, sports, field trip.	☐ 1	☐ 2
e) Volunteered in the school library or media centre.	☐ 1	☐ 2
f) <Assisted a teacher in the school.>	☐ 1	☐ 2
g) Appeared as a guest speaker.	☐ 1	☐ 2
h) Participated in local school <government>, e.g. parent council or school management committee.	☐ 1	☐ 2
i) Discussed my child's progress with a teacher on my own initiative.	☐ 1	☐ 2
j) Discussed my child's progress on the initiative of one of their teachers.	☐ 1	☐ 2
k) Volunteered in the school <canteen>.	☐ 1	☐ 2

SECTION E: SCHOOL CHOICE

PA11

Q *We are interested in the options you had as parents when choosing the school your child is currently attending.*

Which of the following statements best describes the schooling available to students in your location?

(Please tick only one box.)

There are two or more other schools in this area that compete with the school my child is currently attending. ☐ 1

There is one other school in this area that competes with the school my child is currently attending. ☐ 2

There are no other schools in this area that compete with the school my child is currently attending. ☐ 3

Q How important are the following reasons for choosing a school for your child?

(Please tick only one box in each row.)

	Not important	*Somewhat important*	*Important*	*Very important*
a) The school is at a short distance to home.	☐ 1	☐ 2	☐ 3	☐ 4
b) The school has a good reputation.	☐ 1	☐ 2	☐ 3	☐ 4
c) The school offers particular courses or school subjects.	☐ 1	☐ 2	☐ 3	☐ 4
d) The school adheres to a particular <religious philosophy>.	☐ 1	☐ 2	☐ 3	☐ 4
e) The school has a particular approach to <pedagogy/didactics, e.g. example>.	☐ 1	☐ 2	☐ 3	☐ 4
f) Other family members attended the school.	☐ 1	☐ 2	☐ 3	☐ 4
g) <Expenses are low> (e.g. tuition, books, room and board).	☐ 1	☐ 2	☐ 3	☐ 4
h) The school has < financial aid> available, such as a school loan, scholarship, or grant.	☐ 1	☐ 2	☐ 3	☐ 4
i) The school has an active and pleasant school climate.	☐ 1	☐ 2	☐ 3	☐ 4
j) The academic achievements of students in the school are high.	☐ 1	☐ 2	☐ 3	☐ 4
k) There is a safe school environment.	☐ 1	☐ 2	☐ 3	☐ 4

SECTION F: PARENTAL SUPPORT FOR LEARNING IN THE HOME

PA13

Q How often do you or someone else in your home do the following things with your child?

(Please tick only one box in each row.)

	Never or hardly ever	*Once or twice a year*	*Once or twice a month*	*Once or twice a week*	*Every day or almost every day*
a) Discuss how well my child is doing at school.	☐1	☐2	☐3	☐4	☐5
b) Eat <the main meal> with my child around a table.	☐1	☐2	☐3	☐4	☐5
c) Spend time just talking to my child.	☐1	☐2	☐3	☐4	☐5
d) Help my child with his/her mathematics homework.	☐1	☐2	☐3	☐4	☐5
e) Discuss how my child is performing in mathematics class.	☐1	☐2	☐3	☐4	☐5
f) Obtain mathematics materials (e.g., applications, software, study guides etc) for my child.	☐1	☐2	☐3	☐4	☐5
g) Discuss with my child how mathematics can be applied in everyday life.	☐1	☐2	☐3	☐4	☐5

SECTION G: MATHEMATICS IN CHILD'S CAREER AND JOB MARKET

PA14

Q *We are interested in what you think about the need for mathematics skills in the job market today.*

How much do you agree with the following statements?

(Please tick only one box in each row.)

	Strongly agree	*Agree*	*Disagree*	*Strongly disagree*
a) It is important to have good mathematics knowledge and skills in order to get any good job in today's world.	☐ 1	☐ 2	☐ 3	☐ 4
b) Employers generally appreciate strong mathematics knowledge and skills among their employees.	☐ 1	☐ 2	☐ 3	☐ 4
c) Most jobs today require some mathematics knowledge and skills.	☐ 1	☐ 2	☐ 3	☐ 4
d) It is an advantage in the job market to have good mathematics knowledge and skills.	☐ 1	☐ 2	☐ 3	☐ 4

SECTION H: ACADEMIC AND PROFESSIONAL EXPECTATIONS IN MATHEMATICS

PA15

Q *The following questions refer to <mathematics-related careers>. A <mathematics-related career> is one that requires studying a mathematics course at a university level.*

Examples of <mathematics-related careers> include Mathematics Teacher, Economists, Financial Analyst and Computer scientist.

<Mathematics-related careers> also include many science-related careers, such as Engineers, Weather Forecasters, and Medical doctors. All of these can also be considered as <mathematics-related careers>.

Please answer the questions below.

(Please tick only one box in each row.)

	Yes	*No*
a) Does anybody in your family (including you) work in a <mathematics-related career>?	☐ 1	☐ 2
b) Does your child show an interest in working in a <mathematics-related career>?	☐ 1	☐ 2
c) Do you expect your child will go into a <mathematics-related career>?	☐ 1	☐ 2
d) Has your child shown interest in studying mathematics after completing <secondary school>?	☐ 1	☐ 2
e) Do you expect your child will study mathematics after completing <secondary school>?	☐ 1	☐ 2

SECTION I: CHILD'S PAST ACADEMIC PERFORMANCE

PA18

Q Has your child ever repeated a <grade>?

(Please tick only one box in each row.)

	No, never	*Yes, once*	*Yes, twice or more*
a) At < ISCED 1>	☐ 1	☐ 2	☐ 3
b) At < ISCED 2>	☐ 1	☐ 2	☐ 3
c) At < ISCED 3>	☐ 1	☐ 2	☐ 3

SECTION J: CHILD'S CAREER INTERESTS

PA19

Q Which of the following do you <u>expect</u> your child to complete?

(Please tick as many as apply.)

a) <ISCED level 2> ☐ 1

b) <ISCED level 3B or C> ☐ 1

c) <ISCED level 3A> ☐ 1

d) <ISCED level 4> ☐ 1

e) <ISCED level 5B> ☐ 1

f) <ISCED level 5A or 6> ☐ 1

PA20

Q20 What occupation do you expect your child to have when they are about 30 years old?

*Write the job title:*_____

SECTION K: PARENT'S MIGRATION BACKGROUND

PA21

Q In what country were the following people in the child's family born?

(Please tick one answer per column.)

	Mother	*Father*	*Maternal Grand-mother*	*Maternal Grand-father*	*Paternal Grand-mother*	*Paternal Grand-father*
<Test Country>	☐ 01	☐ 01	☐ 01	☐ 01	☐ 01	☐ 01
<Country A>	☐ 02	☐ 02	☐ 02	☐ 02	☐ 02	☐ 02
<Country B>	☐ 03	☐ 03	☐ 03	☐ 03	☐ 03	☐ 03
<Country C>	☐ 04	☐ 04	☐ 04	☐ 04	☐ 04	☐ 04
<Country D>	☐ 05	☐ 05	☐ 05	☐ 05	☐ 05	☐ 05
<Country E>	☐ 06	☐ 06	☐ 06	☐ 06	☐ 06	☐ 06
<Country F>	☐ 07	☐ 07	☐ 07	☐ 07	☐ 07	☐ 07

PA22

Q If the child's father was NOT born in <country of test>, how old was he when he arrived in <country of test>?

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

_____ *years*

PA23

Q If the child's mother was NOT born in <country of test>, how old was she when she arrived in <country of test>?

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

_____ *years*

PA24

Q In what country are the father and mother of the child legal citizens? If they are dual citizens, you may tick more than one country.

(Please tick as many as apply.)

	Mother	*Father*
<Test Country>	☐ 1	☐ 1
<Country A>	☐ 1	☐ 1
<Country B>	☐ 1	☐ 1
<Country C>	☐ 1	☐ 1

Q **What language do the father and mother of the child speak at home most of the time?**

(Please tick one answer per column.)

	Mother	*Father*
<Test language>	☐ <xxx>	☐ <xxx>
<Other official national languages>	☐ <xxx>	☐ <xxx>
<Other national dialects or languages>	☐ <xxx>	☐ <xxx>
< Other language 1>	☐ <xxx>	☐ <xxx>
< Other language 2>	☐ <xxx>	☐ <xxx>
< Other language 3>	☐ <xxx>	☐ <xxx>
Other language	☐ <xxx>	☐ <xxx>

Thank you very much for your co-operation in completing this questionnaire!