OECD Programme for International Student Assessment 2015





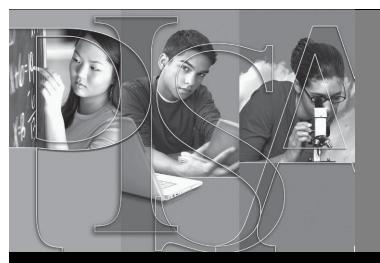
Scotland

Date (Main Study)				
Day	Month	2015		

Parent Questionnaire

School Name	
Student ID	
Student Name	
English 313	

PQSC 11068-70 PaQ



- cApStAn Linguistic Quality Control (Belgium)
- Deutsches Institut für Internationale Pädagogische Forschung (Germany)
- Educational Testing Service (USA)
- Pearson (UK)
- Statistics Canada (Canada)
- The Tao Initiative: CRP Henri Tudor and Université de Luxembourg
- Westat (USA)

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 scientific literacy of students who are 15 years old, but which also includes an assessment of mathematics and reading. The study is organised by the Organisation for Economic Co-operation and Development (OECD) and it surveys students from about 70 different countries.

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

- Information about the student and the family
- Your child's school
- Your child's educational pathway
- Your views on science and the environment
- Background information

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

When I am asked about science, what should I think about?

For the purpose of this questionnaire, science refers to the skills and knowledge acquired in subjects like physics, chemistry and biology.

Who should complete this questionnaire?

This questionnaire should be completed by a parent (or jointly by both parents) or other guardian 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 <u>your responses to this questionnaire</u> will be kept confidential.

More information on the PISA study can be found on the internet at www.pisa.oecd.org www.nfer.ac.uk/pisa www.scotland.gov.uk/pisa

SECTION A: YOUR FAMILY

Q1 Who will complete this questionnaire?

(Please tick all that apply.)

Mother or other female guardian	
Father or other male guardian	
Other	

Please answer this question thinking about the student who brought this questionnaire home.

Q2 Thinking back to when your child was about 10 years old, how often would your child have done these things?

	Very often	Regularly	Sometimes	Never
Watched TV programmes about science		\square_2	\square_3	\Box_4
Read books on scientific discoveries		\square_2	\square_3	\Box_4
Watched, read or listened to science fiction		\square_2	\square_3	\Box_4
Visited websites about science topics		\square_2	\square_3	\Box_4
Attended a science club		\square_2	\square_3	\Box_4
Construction play, e.g. Lego bricks		\square_2	\square_3	\Box_4
Taken apart technical devices	\Box_1	\square_2	\square_3	\Box_4
Fixed broken objects or items, e.g. broken electronic toys		\square_2	\square_3	\Box_4
Experimented with a science kit, electronics kit, or chemistry set, or used a microscope or telescope		\square_2	\square_3	\square_4
Played computer games with a science content		\square_2	\square_3	\Box_4

Q3 How often do you or someone else in your home do the following things with your child?

	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
Discuss how well my child is doing at school		\square_2	\square_3	\Box_4	
Eat the main meal with my child around a table	\square_1	\square_2	\square_3	\Box_4	\square_5
Spend time just talking to my child		\square_2	\square_3	\square_4	\square_5
Help my child with his/her science homework		\square_2	\square_3	\square_4	\square_5
Ask how my child is getting on in science at school		\square_2	\square_3	\square_4	\square_5
Get science-related materials for my child (e.g. apps, software, study guides etc.)	\Box_1	\square_2	\square_3	\square_4	₅
Discuss with my child how science is used in everyday life		\square_2	\square_3	\Box_4	\square_5
Discuss science- related career options with my child	\square_1	\square_2	\square_3	\square_4	\square_5

Q4 Thinking about this school year, to what extent do you agree with the following statements?

	Strongly disagree	Disagree	Agree	Strongly agree
I am interested in my child's school activities.		\square_2	\square_3	\square_4
I am supportive of my child's efforts at school and his/her achievements.		\square_2	\square_3	\Box_4
I support my child when he/she is facing difficulties at school.		\square_2	\square_3	\Box_4
I encourage my child to be confident.		\square_2	\square_3	\square_4

SECTION B: YOUR CHILD'S SCHOOL

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

Q5 Which of the following statements best describes the schooling available to students in your location?

There are two or more other schools in this area that compete with the school my child is currently attending.	
There is one other school in this area that competes with the school my child is currently attending.	\square_2
There are no other schools in this area that compete with the school my child is currently attending.	\square_3

Q6 How important are the following reasons for choosing a school for your child?

	Not important	Somewhat important	Important	Very important
The school is a short distance from home.	\Box_1	\square_2	\square_3	\Box_4
The school has a good reputation.		\square_2	\square_3	\Box_4
The school offers particular courses or school subjects.		\square_2	\square_3	\Box_4
The school adheres to a particular religious philosophy.		\square_2	\square_3	\square_4
The school has a particular approach to teaching and learning (e.g. Montessori, Steiner).		\square_2	\square_3	\square_4
Other family members attended the school.		\square_2	\square_3	\square_4
Fees and expenses are low (e.g. tuition, books, room and board).		\square_2	\square_3	\square_4
The school has financial aid available, such as a school loan, scholarship, or grant.		\square_2	\square_3	\square_4
The school has an active and pleasant school climate.		\square_2	\square_3	\Box_4
The academic achievements of students in the school are high.		\square_2	\square_3	\Box_4
There is a safe school environment.		\square_2	\square_3	\square_4

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

Q7 How much do you agree or disagree with the following statements?

	Strongly agree	Agree	Disagree	Strongly disagree
Most of the teachers seem competent and dedicated.		\square_2	\square_3	\square_4
Standards of achievement are high.		\square_2	\square_3	\square_4
I am happy with what is taught and the way it is taught.		\square_2	\square_3	\square_4
I am happy with the disciplinary atmosphere.		\square_2	\square_3	\square_4
My child's progress is carefully monitored by the school.		\square_2	\square_3	\Box_4
The school provides regular and useful information on my child's progress.		\square_2	\square_3	\Box_4
The school does a good job in educating students.		\square_2	\square_3	\square_4
The school provides an inviting atmosphere for parents to get involved.	\square_1	\square_2	\square_3	\Box_4
The school provides effective communication between the school and families.	\square_1		\square_3	\Box_4
The school involves parents in the school's decision-making process.	\square_1	\square_2	\square_3	\Box_4
The school offers parent education (e.g. courses on family literacy) or family support programmes (e.g. to assist with health, nutrition).		\square_2	\square_3	\square_4
The school informs families about how to help students with homework and other school-related activities.	\square_1	\square_2		\square_4

	Strongly agree	Agree	Disagree	Strongly disagree
The school co-operates with other services in the community to strengthen school programmes and student development.	\square_1			\square_4

Q8 This school year, have you participated in any of the following school-related activities?

	Yes	No	Not offered by school
Discussed my child's <u>behaviour</u> with a teacher after requesting the meeting myself			
Discussed my child's <u>behaviour</u> at a meeting requested by a teacher		\square_2	\square_3
Discussed my child's <u>progress</u> with a teacher after requesting the meeting myself			\square_3
Discussed my child's <u>progress</u> at a meeting requested by a teacher		\square_2	\square_3
Participated in school government, e.g. parent council or school management committee		\square_2	\square_3
Volunteered in physical or extra- curricular activities (e.g. building maintenance, carpentry, gardening, school play, sports, field trip)		\square_2	\square_3
Volunteered to support school activities (volunteered in the school library, media centre, or canteen, assisted a teacher, appeared as a guest speaker)		\square_2	
Attended a scheduled meeting for parents	\Box_1	\square_2	\square_3
Talked about how to support learning at home and homework with my child's teachers	\Box_1	\square_2	\square_3
Exchanged ideas on parenting, family support, or the child's development with my child's teachers	\square_1	\square_2	\square_3

Q9 This school year, has your participation in activities at your child's school been hindered by any of the following issues?

	Yes	No
The meeting times were inconvenient.		\square_2
I was not able to get time off from work.	\square_1	\square_2
I had no one to take care of my child(ren).	\square_1	\square_2
The way to school is unsafe.		\square_2
I had problems with transportation.	\square_1	\square_2
I felt unwelcome at my child's school.	\square_1	\square_2
My language skills were not sufficient.		\square_2
I think participation is not relevant for my child's development.		\square_2
I do not know how I could participate in school activities.		\square_2
My child does not want me to participate.		

Q10 We are interested in parents' interaction with their child's school-friends and school staff.

	0	1-2	3-5	6 or more
How many parents of your child's school-friends do you know?		\square_2	\square_3	\Box_4
How many school-friends of your child do you know by name?		\square_2	\square_3	\square_4
How many of the school staff would you feel comfortable talking to if you had a question about your child?		\square_2	\square_3	\Box_4

SECTION C: EDUCATIONAL PATHWAYS IN EARLY CHILDHOOD

Q11	At what <u>age</u> did your c school?	niid start	attendin	years old
Q12	Did your child regular the following main pu	•		
	(Please tick only one box	in each ro	w.)	
		Yes	No	
	Supervision and care (e.g. with a relative or a nursery providing care rather than early education)		\square_2	If yes, please answer questions 13-16
	Early childhood educational development (e.g. a nursery providing early education for children under 3 years old)		\square_2	If yes, please answer questions 17 and 18
	Pre-primary education (e.g. a nursery providing pre-school education for children from 3 until the start of primary school)		\square_2	If yes, please answer questions 19-22

If your child did not attend somewhere providing supervision, care or early

education before starting Primary 1, please go to question 23.

At what ages did your child attend somewhere providing supervision and care prior to Primary 1 (e.g. with a relative or a nursery providing care rather than early education)?

(Please tick all that apply.)

Up to age 1	
Age 1	
Age 2	
Age 3	\square_1
Age 4	
Age 5	
Age 6	

Who took care of or educated your child in the supervision and care arrangement?

(Please tick all that apply.)

An underage sibling of the child	1
An adult relative of the child (e.g. grandparent)	\square_1
An adult not trained in childcare who is not a relative (e.g. babysitter, friend, neighbour)	
A trained adult (e.g. teacher, nursery nurse)	

Q15 Where was your child cared for (while in the supervision and care arrangement)?

(Please tick all that apply.)

The child's own home	
Another person's private home	
An institutional setting (e.g. a nursery)	
Another place	\square_1

Q16 What was the most important reason that your child attended somewhere providing supervision and care?

Attendance was compulsory.	
We/I could not care for the child (e.g. work, illness).	\square_2
We/I wanted additional learning stimulation for the child (e.g. mixing with other children, starting to learn numbers and letters).	\square_3
Most other children attended somewhere providing supervision and care.	\Box_4

Answer questions 17 and 18 if your child attended somewhere providing early childhood educational development (e.g. a nursery providing early education for children under 3 years old).

Otherwise, go to question 19.

Q17 At what ages did your child attend somewhere providing early childhood educational development prior to Primary 1 (e.g. a nursery providing early education)?

(Please tick all that apply.)

Up to age 1	
Age 1	\square_1
Age 2	
Age 3	
Age 4	
Age 5	
Age 6	

Q18 What was the most important reason that your child attended somewhere providing early childhood educational development?

Attendance was compulsory.	\Box_1
We/I could not care for the child (e.g. work, illness).	\square_2
We/I wanted additional learning stimulation for the child (e.g. mixing with other children, starting to learn numbers and letters).	\square_3
Most other children attended somewhere providing early childhood educational development.	\Box_4

Answer questions 19 to 22 if your child attended somewhere providing pre-primary education (e.g. a nursery providing preschool education for children from 3 until the start of primary school).

Otherwise, go to question 23.

Q19 At what ages did your child attend pre-primary education prior to Primary 1 (e.g. a nursery providing pre-school education)?

(Please tick all that apply.)

Up to age 1	\square_1
Age 1	\square_1
Age 2	\square_1
Age 3	\square_1
Age 4	\square_1
Age 5	
Age 6	

Please think of the last place providing pre-primary education that your child attended before starting Primary 1 (e.g. a nursery providing pre-school education for children from 3 until the start of primary school).

Q20 What type of provider offered this pre-primary education arrangement?

A publicly managed and mainly publicly funded provider (e.g. a council-run nursery school or nursery class that provides mainly free places)	
A privately managed nursery providing mainly publicly-funded nursery education (e.g. a community childcare centre that provides mainly free places funded by the local council)	\square_2
A privately managed nursery providing mainly privately-funded nursery education (e.g. a private day nursery that provides mainly places paid for by parents)	\square_3

Q21 How many hours per week did your child attend somewhere providing pre-primary education at the age of 3 years?

(Please tick only one box.)

0 hours per week	
up to 10 hours per week	\square_2
11-20 hours per week	\square_3
21-30 hours per week	\Box_4
31-40 hours per week	\square_5
41-50 hours per week	\Box_6
51 hours per week or more	

Q22 What was the most important reason that your child attended somewhere providing pre-primary education?

Attendance was compulsory.	
We/I could not care for the child (e.g. work, illness).	\square_2
We/I wanted additional learning stimulation for the child (e.g. mixing with other children, starting to learn numbers and letters).	\square_3
Most other children attended somewhere providing pre-primary education.	\Box_4

SECTION D: YOUR VIEWS ON SCIENCE AND THE ENVIRONMENT

The following questions refer to science-related careers. A science-related career is one that requires studying science at tertiary level (e.g. university). So, careers like engineer (involving physics), weather forecaster (involving Earth science), optician (involving biology and physics), and medical doctors (involving the medical sciences) are all examples of science-related careers.

Q23 Please answer the questions below.

	Yes	No
Does anybody in your family (including you) work in a science-related career?		\square_2
Does your child show an interest in working in a science-related career?		\square_2
Do you expect your child will go into a science-related career?		\square_2
Has your child shown interest in studying science after completing secondary school?		\square_2
Do you expect your child will study science after completing secondary school?		\square_2

Science is an important part of the PISA study. We are interested in parents' opinions on science and on environmental issues. The following question asks about your views towards science.

Q24 How much do you agree with the following statements?

	Strongly agree	Agree	Disagree	Strongly disagree
Science is important to help us to understand the natural world.		\square_2	\square_3	\square_4
Science is valuable to society.	\square_1	\square_2	\square_3	\Box_4
Science is very relevant to me.		\square_2	\square_3	\Box_4
I find that science helps me to understand the things around me.		\square_2	\square_3	\square_4
Advances in science usually bring social benefits.		\square_2	\square_3	\Box_4

Q25 Do you see the environmental issues below as a serious concern for yourself and/or others?

	This is a serious concern for me personally as well as others	This is a serious concern for other people in my country but not for me personally	This is a serious concern only for people in other countries	This is not a serious concern for anyone
Air pollution		\square_2	\square_3	\Box_4
Extinction of plants and animals		\square_2	\square_3	\Box_4
Clearing of forests for other land use		\square_2	\square_3	\Box_4
Water shortages	\square_1	\square_2	\square_3	\square_4
Nuclear waste		\square_2	\square_3	\Box_4
Extreme weather conditions		\square_2	\square_3	\square_4
Human contact with animal diseases			\square_3	\Box_4

Q26 Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?

	Improve	Stay about the same	Get worse
Air pollution		\square_2	\square_3
Extinction of plants and animals		\square_2	\square_3
Clearing of forests for other land use		\square_2	\square_3
Water shortages	\square_1	\square_2	\square_3
Nuclear waste		\square_2	\square_3
Extreme weather conditions		\square_2	\square_3
Human contact with animal diseases		\square_2	\square_3

SECTION E: YOUR BACKGROUND

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

(Please tick only one answer per column.)

	Mother	Father	Maternal Grand- mother	Maternal Grand- father	Paternal Grand- mother	Paternal Grand- father
Scotland	\square_1		\square_1	\square_1		
England, Wales or Northern Ireland	\square_2	\square_2	\square_2	\square_2	\square_2	\square_2
Other European Union* country	\square_3	\square_3	\square_3	\square_3	\square_3	\square_3
Other country outside of the European Union	\Box_4	\Box_4	\square_4	\square_4	\Box_4	\square_4

^{*}European Union countries are: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden.

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.

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).

Nothing	
More than £0 but less than £200	\square_2
£200 or more but less than £6000	\square_3
£6000 or more but less than £12,000	\square_4
£12,000 or more but less than £18,000	\square_5
£18,000 or more	

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

Q29 What is your annual household income?

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

(Please tick only one box.)

Less than £18,000	
£18,000 or more but less than £27,000	\square_2
£27,000 or more but less than £36,000	\square_3
£36,000 or more but less than £45,000	\square_4
£45,000 or more but less than £54,000	\square_5
£54,000 or more	\Box_6

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

Please return this questionnaire in the envelope provided, either to your child's school or directly to:

Research and Product Operations NFER The Mere Upton Park Slough SL1 2DQ