



**Organisation for Economic Co-operation and Development
(OECD)**

Programme for International Student Assessment (PISA) 2015

Parent questionnaire

Field Trial Version
English, UK Spelling

National Project by:

Department for Education with RM Education, World Class Arena Limited and the Institute of Education
PISA National Centre, RM Education, 140 Eastern Avenue, Milton Park, Abingdon, Oxon, OX14 4SB

What is the questionnaire about?

Your child 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 pupils from about 70 different countries.

In the PISA study, pupils 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 pupils' 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 pupils 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 and general science.

Who should complete this questionnaire?

This questionnaire should be completed by a parent (or jointly by both parents) or other primary carer 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 questionnaire will be kept confidential.

When you have completed this questionnaire, please return it to the National Centre by 28th March 2014.

If in doubt about any aspect of the questionnaire, or if you would like more information about the questionnaire or the study, you can reach us by contacting the helpdesk on 0845 120 2351 or by emailing pisainfo@rm.com , or visit www.rm.com/pisa

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

SECTION A: YOUR FAMILY

PA001 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 with reference to the student who brought this questionnaire home.

PA002 Thinking back to when your child was about 10 years old, how often would your child have done these things?

(Please tick only one box in each row.)

	<i>Very often</i>	<i>Regularly</i>	<i>Sometimes</i>	<i>Never</i>
Watched TV programmes about science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Read books on scientific discoveries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Watched, read or listened to science fiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visited websites about science topics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attended a science club	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction play, e.g. Lego	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Took apart technical devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fixed broken objects or items, e.g. broken electronic toys	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Experimented with a science kit, electronics kit or chemistry set, used a microscope or telescope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Played computer games with a science content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA003

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.)

	<i>Never or hardly ever</i>	<i>Once or twice a year</i>	<i>Once or twice a month</i>	<i>Once or twice a week</i>	<i>Every day or almost every day</i>
Discuss how well my child is doing at school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eat the main evening meal with my child around a table.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spend time just talking to my child.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Help my child with his/her science homework.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ask how my child is performing in science class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obtain science-related materials (e.g. applications, software, study guides, etc.) for my child.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discuss with my child how science is used in everyday life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discuss science-related career options with my child.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA004

Thinking about the last academic year, to what extent do you agree with the following statements?

(Please tick only one box in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I am interested in my child's school activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am supportive of my child's efforts at school and his/her achievements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support my child when he/she is facing difficulties at school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I encourage my child to be confident.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support school rules/school discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I try to protect my child from family problems that may interfere with his/her schooling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I encourage my child to learn new skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I provide support to my child to complete his/her school tasks on a regular basis.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I ask my child about the learning content to initiate a deeper understanding of it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.

PA005 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.

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

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

PA006 How important are the following reasons for choosing a school for your child?

(Please tick only one box in each row.)

	<i>Not important</i>	<i>Somewhat important</i>	<i>Important</i>	<i>Very important</i>
The school is at a short distance to home.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school has a good reputation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school offers particular courses or school subjects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school adheres to a particular religious philosophy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school has a particular approach to teaching.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other family members attended the school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Costs to me are low (e.g. tuition, books, room and board).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school has financial aid available, such as a school loan, scholarship or grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The school has an active and pleasant school climate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The academic achievements of students in the school are high.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is a safe school environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA008

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

(Please tick only one box in each row.)

	<i>Yes</i>	<i>No</i>	<i>Not supported by school</i>
Discussed my child's behaviour with a teacher on my own initiative.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed my child's behaviour on the initiative of one of his/her teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed my child's progress with a teacher on my own initiative.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed my child's progress on the initiative of one of his/her teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participated in local school government, e.g. parent council or school management committee.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volunteered in physical or extra-curricular activities (e.g. building maintenance, carpentry, gardening or yard work, school play, sports, field trip).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volunteered to support school activities (volunteered in the school library, media centre or canteen, assisted a teacher, appeared as a guest speaker).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attended a scheduled meeting or conferences for parents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talked about how to support learning at home and homework with my child's teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exchanged ideas on parenting, family support, or the child's development with my child's teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA009 **During the last academic year, has your participation in activities at your child’s school been hindered by any of the following issues?**

(Please tick only one box in each row.)

	<i>Yes</i>	<i>No</i>
The meeting times were inconvenient.	<input type="checkbox"/>	<input type="checkbox"/>
I was not able to get off work.	<input type="checkbox"/>	<input type="checkbox"/>
I had no one to take care of my child/children.	<input type="checkbox"/>	<input type="checkbox"/>
The way to school is unsafe.	<input type="checkbox"/>	<input type="checkbox"/>
I had problems with transportation.	<input type="checkbox"/>	<input type="checkbox"/>
I felt unwelcome at my child’s school.	<input type="checkbox"/>	<input type="checkbox"/>
I feel generally awkward in a school.	<input type="checkbox"/>	<input type="checkbox"/>
My language skills were not sufficient.	<input type="checkbox"/>	<input type="checkbox"/>
I think participation is not relevant for my child’s development.	<input type="checkbox"/>	<input type="checkbox"/>
I do not know how I could participate in school activities.	<input type="checkbox"/>	<input type="checkbox"/>
My child does not want me to participate.	<input type="checkbox"/>	<input type="checkbox"/>

PA010

How important are the following reasons for getting involved with your child's school?

(Please tick only one box in each row.)

	<i>Not important</i>	<i>Somewhat important</i>	<i>Important</i>	<i>Very important</i>
My child benefits from my involvement in school in terms of academic achievement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My participation helps my child to integrate in school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
By cooperating with my child's teachers, I get to know my child's teachers better.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Being involved in my child's school allows me to learn more about my child's school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Being involved in my child's school helps me to meet other parents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
By cooperating with my child's teachers, I get to know my child better.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
By being involved with my child's school I get to know my child's friends.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA011 We are interested in parents' interaction with the child's school friends and school staff.

(Please tick only one box in each row.)

	<i>0</i>	<i>1-2</i>	<i>3-5</i>	<i>6 or more</i>
How many parents of your child's friends at this school do you know?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How many friends of your child at school do you know by name?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How many of the school staff would you feel comfortable talking to if you had a question about your child?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA012 From your perspective, to what extent are the following topics of parent-teacher communication important?

(Please tick only one box in each row.)

	<i>Not important</i>	<i>Somewhat important</i>	<i>Important</i>	<i>Very important</i>
Questions related to children's academic achievement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Questions related to the choice of school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Questions related to children's transfer or change of school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concerns related to children's behaviour problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concerns related to children's learning difficulties.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Information about ways to help children with their homework.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Information related to individual encouragement of children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specific concerns related to parents from other countries.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concerns related to children's addiction problems, e.g. alcohol, smoking, drugs, computer games.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA013 To what extent are the following ways of communicating with your child's school important to you?

(Please tick only one box in each row.)

	<i>Not important</i>	<i>Somewhat important</i>	<i>Important</i>	<i>Very important</i>	<i>Not supported by school</i>
Communication via notes and letters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scheduled meeting at a parent-teacher conference/consultation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phone calls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication via internet or text messages (e-mail, website, messenger, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unscheduled informal meetings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION C: EDUCATIONAL PATHWAYS IN EARLY CHILDHOOD

PA014 At what age did your child start attending primary school (Years 1-6)?

Years:

PA015 In what year did your child start primary school (Years 1-6)?

Year: 20_____

PA016 **Compared to the mandatory school starting age, when did your child start primary school (Years 1-6)?**

(Please tick only one box.)

In the year required

Earlier than required

Later than required

PA017 Was attendance at day-care, nursery, a Children’s Centre or reception class prior to Year 1 in primary school mandatory for your child?

(Please tick only one box in each row.)

	<i>No</i>	<i>Yes, mandatory attendance for up to one year</i>	<i>Yes, mandatory attendance for more than one year</i>	<i>I do not know</i>
Supervision and care (e.g. day-care, child care or childminder)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Early childhood educational development (e.g. nursery school or Sure Start Children’s Centre)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-primary education (e.g. a reception class)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA018 Did your child regularly attend an arrangement with one of the following main purposes prior to Year 1 in primary school?

(Please tick only one box in each row.)

	<i>Yes</i>	<i>No</i>	
Supervision and care (e.g. day-care, childcare or childminder)	<input type="checkbox"/>	<input type="checkbox"/>	<i>If yes, please answer questions 19-22</i>
Early childhood educational development (e.g. nursery school or Sure Start Children's Centre)	<input type="checkbox"/>	<input type="checkbox"/>	<i>If yes, please answer questions 23-26</i>
Pre-primary education (e.g. a reception class)	<input type="checkbox"/>	<input type="checkbox"/>	<i>If yes, please answer questions 27 - 30</i>

In case your child did not visit any day-care, nursery school, a Children's Centre or reception class prior to Year 1 in primary school, please proceed to Q31

PA019 **At what ages did your child attend day-care, nursery school, a Children’s Centre or reception class prior to Year 1 in primary school?**

(Please tick all that apply.)

- Up to age 1
- Age 1
- Age 2
- Age 3
- Age 4
- Age 5
- Age 6
- Age 7

PA020 **Who took care of or educated your child in day-care, child care or when he/she was with a childminder?**

(Please tick all that apply.)

An underage sibling of the child

An adult relative of the child (e.g. grandparents)

An adult untrained in child care, not a relative (e.g. baby-sitter, friend, neighbour)

A trained adult (e.g. teacher, nursery nurse, childcare practitioner)

PA021 **Where was your child cared for or educated in day-care, child care or with a childminder?**

(Please tick all that apply.)

The child's own home

Another person's private home

An institutional setting (e.g. a village hall, a community hall or a pre-school)

Another place

PA022 **What was the most important reason why your child attended day-care, child care or was cared for by a childminder?**

(Please tick only one box.)

Attendance was mandatory.

We/I could not care for the child (e.g. work, illness).

We/I wanted additional learning stimulation for the child (e.g. social, academic).

Most other children attended a day-care, child care or childminder.

PA023 **At what ages did your child attend day-care, nursery school, a Children’s Centre or reception class prior to Year 1 in primary school?**

(Please tick all that apply.)

- | | |
|-------------|--------------------------|
| Up to age 1 | <input type="checkbox"/> |
| Age 1 | <input type="checkbox"/> |
| Age 2 | <input type="checkbox"/> |
| Age 3 | <input type="checkbox"/> |
| Age 4 | <input type="checkbox"/> |
| Age 5 | <input type="checkbox"/> |
| Age 6 | <input type="checkbox"/> |
| Age 7 | <input type="checkbox"/> |

Please consider now the last nursery school or Sure Start Children's Centre which your child attended prior to Year 1 in primary school.

PA024 What type of provider offered this nursery school or Sure Start Children's Centre?

(Please tick only one box.)

Public management and mainly public funding (e.g. local authority, local council, or national government department)

Private management and mainly public funding (e.g. registered child-care provider)

Private management and mainly private funding (e.g. independent nursery school)

PA025 **How many hours per week did your child attend a nursery school or Sure Start Children's Centre at the age of three years?**

(Please tick only one box.)

- | | |
|---------------------------|--------------------------|
| 0 hours per week | <input type="checkbox"/> |
| up to 10 hours per week | <input type="checkbox"/> |
| 11-20 hours per week | <input type="checkbox"/> |
| 21-30 hours per week | <input type="checkbox"/> |
| 31-40 hours per week | <input type="checkbox"/> |
| 41-50 hours per week | <input type="checkbox"/> |
| 51 hours per week or more | <input type="checkbox"/> |

PA026 **What was the most important reason why your child attended a nursery school or Sure Start Children's Centre?**

(Please tick only one box.)

Attendance was mandatory.

We/I could not care for the child (e.g. work, illness).

We/I wanted additional learning stimulation for the child (e.g. social, academic).

Most other children attended a nursery school or Sure Start Children's Centre.

PA027 **At what ages did your child attend a nursery school or Sure Start Children’s Centre prior to Year 1 in primary school?**

(Please tick all that apply.)

- Up to age 1
- Age 1
- Age 2
- Age 3
- Age 4
- Age 5
- Age 6
- Age 7

Please consider now the last nursery school or Sure Start Children's Centre which your child attended prior to Year 1 in primary school.

PA028 What type of provider offered this nursery school or Sure Start Children's Centre?

(Please tick only one box.)

Public management and mainly public funding (e.g. local authority, local council, or national government department)

Private management and mainly public funding (e.g. a national nursery chain such as Hopscotch or TreeTop)

Private management and mainly private funding (e.g. independent nursery school)

PA029 **How many hours per week did your child attend a reception class or nursery at the age of three years?**

(Please tick only one box.)

- | | |
|---------------------------|--------------------------|
| 0 hours per week | <input type="checkbox"/> |
| up to 10 hours per week | <input type="checkbox"/> |
| 11-20 hours per week | <input type="checkbox"/> |
| 21-30 hours per week | <input type="checkbox"/> |
| 31-40 hours per week | <input type="checkbox"/> |
| 41-50 hours per week | <input type="checkbox"/> |
| 51 hours per week or more | <input type="checkbox"/> |

PA030 **What was the most important reason why your child attended a reception class or nursery?**

(Please tick only one box.)

Attendance was mandatory.

We/I could not care for the child (e.g. work, illness).

We/I wanted additional learning stimulation for the child (e.g. social, academic).

Most other children attended a reception class or nursery.

PA031 **What was the most important reason why your child did not attend nursery school or Sure Start Children's Centre?**

(Please tick only one box.)

Most children in our area did not attend nursery school or Sure Start Children's Centre

Nursery school or Sure Start Children's Centre was not available at all (i.e. did not exist).

Nursery school or Sure Start Children's Centre was not available for our child (i.e. no place available).

Nursery school or Sure Start Children's Centre was not necessary.

We did not consider Nursery school or Sure Start Children's Centre for the child.

Nursery school or Sure Start Children's Centre was too expensive.

Nursery school or Sure Start Children's Centre was not open in the hours we would have needed.

Nursery school or Sure Start Children's Centre might not have been safe for the child's health.

Nursery school or Sure Start Children's Centre might not have been good for the child's development.

We couldn't agree with the educational programme or teaching and learning approach of the available arrangements.

Other

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 engineering (involving physics), weather forecasting (involving Earth science), optometry (e.g. optician, involving biology and physics), and medicine (involving the medical sciences) are all examples of science-related careers.

PA032 Please answer the questions below.

(Please tick only one box in each row.)

	<i>Yes</i>	<i>No</i>
Does anybody in your family (including you) work in a science-related career?	<input type="checkbox"/>	<input type="checkbox"/>
Does your child show an interest in working in a science-related career?	<input type="checkbox"/>	<input type="checkbox"/>
Do you expect your child will go into a science-related career?	<input type="checkbox"/>	<input type="checkbox"/>
Has your child shown interest in studying science after completing secondary school?	<input type="checkbox"/>	<input type="checkbox"/>
Do you expect your child will study science after completing secondary school?	<input type="checkbox"/>	<input type="checkbox"/>

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.

PA033 How much do you agree with the following statements?

(Please tick only one box in each row.)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
Advances in science and technology in the wider world usually improve people's living conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science in the wider world is important to help us to understand the natural world.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Some concepts in science in the wider world help me to see how I relate to other people.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advances in science and technology in the wider world usually help to improve the economy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There are many opportunities for me to use science in the wider world in my everyday life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science in the wider world is valuable to society.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science in the wider world is very relevant to me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I find that science in the wider world helps me to understand the things around me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advances in science and technology in the wider world usually bring social benefits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

PA034 How much do you agree with the following statements?

(Please tick only one box in each row.)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
It is important to have good scientific knowledge and skills in order to get any good job in today's world.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employers generally appreciate strong scientific knowledge and skills among their employees.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Most jobs today require some scientific knowledge and skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It is an advantage in the job market to have good scientific knowledge and skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA035

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

(Please tick only one box in each row.)

	<i>This is a serious concern for me personally as well as others</i>	<i>This is a serious concern for other people in my country but not for me personally</i>	<i>This is a serious concern only for people in other countries</i>	<i>This is not a serious concern for anyone</i>
Air pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy shortages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extinction of plants and animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clearing of forests for other land use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water shortages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nuclear waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme weather conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human contact with animal diseases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA036 Do you think problems associated with the environmental issues below will improve or get worse over the next 20 years?

(Please tick only one box in each row.)

	<i>Improve</i>	<i>Stay about the same</i>	<i>Get worse</i>
Air pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy shortages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extinction of plants and animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clearing of forests for other land use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water shortages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nuclear waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme weather conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human contact with animal diseases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION E: YOUR BACKGROUND

PA037 Does the child's father have any of the following qualifications?

(Please tick only one box in each row.)

	Yes	No
A Bachelors degree, a Masters degree, PhD or equivalent higher degree	<input type="checkbox"/>	<input type="checkbox"/>
A higher education qualification below degree level, e.g. NVQ level 4 or 5, Diploma of Higher Education, nursing qualifications or Higher levels in HNC, HND or BTEC	<input type="checkbox"/>	<input type="checkbox"/>
HE Access course	<input type="checkbox"/>	<input type="checkbox"/>
A-level (A2), AS, NVQ level 3, Advanced GNVQs, Advanced Apprenticeship, International Baccalaureate	<input type="checkbox"/>	<input type="checkbox"/>

PA038 **Does the child's mother have any of the following qualifications?**

(Please tick only one box in each row.)

	<i>Yes</i>	<i>No</i>
A Bachelors degree, a Masters degree, PhD or equivalent higher degree	<input type="checkbox"/>	<input type="checkbox"/>
A higher education qualification below degree level, e.g. NVQ level 4 or 5, Diploma of Higher Education, nursing qualifications or Higher levels in HNC, HND or BTEC	<input type="checkbox"/>	<input type="checkbox"/>
HE Access course	<input type="checkbox"/>	<input type="checkbox"/>
A-level (A2), AS, NVQ level 3, Advanced GNVQs, Advanced Apprenticeship, International Baccalaureate	<input type="checkbox"/>	<input type="checkbox"/>

PA039 In what country were the following people in the child's family born?

(Please tick only one answer per column.)

	<i>Mother</i>	<i>Father</i>	<i>Maternal grand- mother</i>	<i>Maternal grand- father</i>	<i>Paternal grand- mother</i>	<i>Paternal grand- father</i>
United Kingdom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ireland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pakistan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Another country	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PA040 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.)

	<i>Mother</i>	<i>Father</i>
United Kingdom	<input type="checkbox"/>	<input type="checkbox"/>
Ireland	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>
Pakistan	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>
Poland	<input type="checkbox"/>	<input type="checkbox"/>
Another country	<input type="checkbox"/>	<input type="checkbox"/>

Please answer the following question thinking just of expenses related to your child.

PA041 In the last twelve months, about how much would you have paid to educational providers for services?

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 goods 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 | <input type="checkbox"/> |
| More than £50 but less than £3750 | <input type="checkbox"/> |
| £3750 or more but less than £7500 | <input type="checkbox"/> |
| £7500 or more but less than £11,250 | <input type="checkbox"/> |
| £11,250 or more but less than £15,000 | <input type="checkbox"/> |
| £15,000 or more | <input type="checkbox"/> |

PA042 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 £18,000 | <input type="checkbox"/> |
| £18,000 or more but less than £27,000 | <input type="checkbox"/> |
| £27,000 or more but less than £36,000 | <input type="checkbox"/> |
| £36,000 or more but less than £45,000 | <input type="checkbox"/> |
| £45,000 or more but less than £54,000 | <input type="checkbox"/> |
| £54,000 or more | <input type="checkbox"/> |

This is the end of the questionnaire.

Thank you very much for your participation

**Please return your completed questionnaire by 28th March
2014 to the National Centre:**

**PISA National Centre, RM Education, 140 Eastern Avenue, Milton Park, Abingdon, Oxon,
OX14 4SB**