

Longitudinal Surveys of Australian Youth (LSAY)

2006 Cohort – Wave 1 (2006): Questionnaire

Technical Report 46A

NATIONAL CENTRE FOR VOCATIONAL EDUCATION RESEARCH

This technical paper contains the questionnaire for the LSAY 2006 cohort Wave 1 (2006) data set.

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Student Questionnaire

In this booklet you will find questions about:

- You and your family
- Your views on various issues related to science
- The environment
- Careers and science
- Learning time
- Teaching and learning science

Please read each question carefully and answer as accurately as you can. In the test you usually circled your answers. For this questionnaire, you will normally answer by ticking a box. For a few questions you will need to write a short answer.

If you make a mistake when ticking a box, cross out or erase your mistake 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.

Protecting your Privacy

ACER is committed to protecting your privacy, and the confidentiality and security of the personal information you provide.

The information provided by you in this questionnaire will be used to generate statistics, such as totals and averages about all Australian students, not individuals.

School and student names are used to identify you when the PISA testing is carried out. Thereafter, this information is removed from the PISA database.

SECTION 1: ABOUT YOU

Q1 **What year level are you in?** *ST01001*

_____ *year*

Q2 **Which one of the following programs are you in?** *ST02001*

(Please tick only one box)

Year 10 or below, in a general academic program ₁

Year 10 or below, in a general academic program with some VET
(vocational) subjects ₂

Year 11 or 12, in a general academic program ₃

Year 11 or 12, in a general academic program with some VET
(vocational) subjects ₄

Year 11 or 12, in a VET (vocational) course ₅

Q3 **On what date were you born?**

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

_____ *ST03002* 19 *ST03003*

Day *Month* *Year*

Q4 **Are you female or male?** *ST04001*

Female

Male

₁

₂

Q5 Are you of Aboriginal or Torres Strait Islander origin? I N D I G

(For persons of both Aboriginal and Torres Strait Islander origin, tick both 'Yes' boxes.)

a) No ₀₁

b) Yes, Aboriginal ₀₂

c) Yes, Torres Strait Islander ₀₃

SECTION 2: YOUR FAMILY AND YOUR HOME

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.

Q6a What is your mother's main job? *ST05Q01*

(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. _____

Q6b What does your mother do in her main job?

(e.g. teaches high school students, helps the chef 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.

Q7 What is the highest level of schooling completed by your mother?

ST06Q01

If you are not sure which box to choose, please ask the test administrator for help.

(Please tick only one box)

She completed Year 12 ₁

She completed Year 10 or 11 and then did a TAFE training certificate (e.g. in Hairdressing or Bricklaying) ₂

She completed some secondary school, but not more than Year 10 ₃

She completed primary school only ₄

She did not complete primary school ₅

Q8 Does your mother have any of the following qualifications?

If you are not sure how to answer this question, please ask the test administrator for help.

(Please tick one box in each row)

- | | <i>Yes</i> | <i>No</i> | |
|---|---------------------------------------|---------------------------------------|----------------|
| a) A university degree | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | ST07Q01 |
| b) A TAFE diploma (e.g. Diploma in Information Technology, Diploma in Veterinary Nursing) | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | ST07Q02 |
| c) A TAFE training certificate (e.g. in Hairdressing or Bricklaying) | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | ST07Q03 |

Q9a What is your father's main job? *ST08Q01*
(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. _____

Q9b What does your father do in his main job?
(e.g. teaches high school students, helps the chef 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.

Q10 What is the highest level of schooling completed by your father? *ST09Q01*

If you are not sure how to answer this question, please ask the test administrator for help.

(Please tick only one box)

He completed Year 12 ₁

He completed Year 10 or 11 and then did a TAFE training certificate
(e.g. in Hairdressing or Bricklaying) ₂

He completed some secondary school, but not more than Year 10 ₃

He completed primary school only ₄

He did not complete primary school ₅

Q11 Does your father have any of the following qualifications?

If you are not sure how to answer this question, please ask the test administrator for help.

(Please tick one box in each row)

	<i>Yes</i>	<i>No</i>	
a) A university degree	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST10Q01</i>
b) A TAFE diploma (e.g. Diploma in Information Technology, Diploma in Veterinary Nursing)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST10Q02</i>
c) A TAFE training certificate (e.g. in Hairdressing or Bricklaying)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST10Q03</i>

Q12a In what country were you and your parents born?

(Please tick one answer in each column)

	<i>ST11Q01</i>	<i>ST11Q02</i>	<i>ST11Q03</i>
	<i>You</i>	<i>Mother</i>	<i>Father</i>
Australia	<input type="checkbox"/> ₀₁	<input type="checkbox"/> ₀₁	<input type="checkbox"/> ₀₁
New Zealand	<input type="checkbox"/> ₀₂	<input type="checkbox"/> ₀₂	<input type="checkbox"/> ₀₂
England	<input type="checkbox"/> ₀₃	<input type="checkbox"/> ₀₃	<input type="checkbox"/> ₀₃
China	<input type="checkbox"/> ₀₄	<input type="checkbox"/> ₀₄	<input type="checkbox"/> ₀₄
Philippines	<input type="checkbox"/> ₀₅	<input type="checkbox"/> ₀₅	<input type="checkbox"/> ₀₅
South Africa	<input type="checkbox"/> ₀₆	<input type="checkbox"/> ₀₆	<input type="checkbox"/> ₀₆
Hong Kong	<input type="checkbox"/> ₀₇	<input type="checkbox"/> ₀₇	<input type="checkbox"/> ₀₇
India	<input type="checkbox"/> ₀₈	<input type="checkbox"/> ₀₈	<input type="checkbox"/> ₀₈
United States of America	<input type="checkbox"/> ₀₉	<input type="checkbox"/> ₀₉	<input type="checkbox"/> ₀₉
South Korea	<input type="checkbox"/> ₁₀	<input type="checkbox"/> ₁₀	<input type="checkbox"/> ₁₀
Other country	<input type="checkbox"/> ₁₁	<input type="checkbox"/> ₁₁	<input type="checkbox"/> ₁₁
If other country, please specify	<u><i>ST11N01</i></u>	<u><i>ST11N02</i></u>	<u><i>ST11N03</i></u>

Q12b If you were NOT born in Australia, how old were you when you arrived in Australia? *ST11Q04*

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

_____ Years

Q13 What language do you speak at home most of the time? ST12Q01

(Please tick only one box)

- English 313
- an Australian Indigenous language 463
- Italian 200
- Cantonese 625
- Arabic (including Lebanese) 500
- Vietnamese 329
- Greek 449
- Mandarin 641
- Tagalog (Filipino) 108
- Spanish 156
- Macedonian 492
- Other language 801

If other language, please specify ST12N01

Q14 Which of the following are in your home?

(Please tick one box in each row)

	<i>Yes</i>	<i>No</i>	
a) A desk to study at	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q01
b) A room of your own	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q02
c) A quiet place to study	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q03
d) A computer you can use for school work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q04
e) Educational software	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q05
f) A link to the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q06
g) Your own calculator	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q07
h) Classic literature (e.g. Shakespeare, Dickens, Patrick White)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q08
i) Books of poetry	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q09
j) Works of art (e.g. paintings)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q10
k) Books to help with your school work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q11
l) A dictionary	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q12
m) A dishwasher	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q13
n) A DVD or VCR player	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q14
o) Cable/pay TV	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q15
p) Digital camera	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q16
q) Plasma TV	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	ST13Q17

Q15 How many of these are there at your home?

(Please tick only one box in each row)

	<i>None</i>	<i>One</i>	<i>Two</i>	<i>Three or more</i>	
a) Mobile phones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ₄	ST14Q01
b) Televisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ₄	ST14Q02
c) Computers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ₄	ST14Q03
d) Cars.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ₄	ST14Q04
e) Rooms with a bath and/or shower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ₄	

Q16 How many books are there in your home?

ST15Q01

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

(Please tick 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 3: YOUR VIEWS ON SCIENCE

This section asks about your views on various issues relating to science. Science refers to any topics that you might encounter in school, or outside of school (for example on television) that relate to space science, biology, chemistry, Earth science or physics.

Q17 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>	
a) I generally have fun when I am learning science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST16Q01
b) I like reading about science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST16Q02
c) I am happy doing science problems	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST16Q03
d) I enjoy acquiring new knowledge in science ..	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST16Q04
e) I am interested in learning about science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST16Q05

Q18 How easy do you think it would be for you to perform the following tasks on your own?

(Please tick only one box in each row)

	<i>I could do this easily</i>	<i>I could do this with a bit of effort</i>	<i>I would struggle to do this on my own</i>	<i>I couldn't do this</i>	
a) Recognise the science question that underlies a newspaper report on a health issue	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q01
b) Explain why earthquakes occur more frequently in some areas than in others	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q02
c) Describe the role of antibiotics in the treatment of disease	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q03
d) Identify the science question associated with the disposal of garbage	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q04
e) Predict how changes to an environment will affect the survival of certain species	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q05
f) Interpret the scientific information provided on the labelling of food items	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q06
g) Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q07
h) Identify the better of two explanations for the formation of acid rain	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST17Q08

Q19 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Advances in science and technology usually improve people’s living conditions	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q01
b) Science is important for helping us to understand the natural world	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q02
c) Some concepts in science help me see how I relate to other people	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q03
d) Advances in science and technology usually help improve the economy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q04
e) I will use science in many ways when I am an adult	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q05
f) Science is valuable to society	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q06
g) Science is very relevant to me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q07
h) I find that science helps me to understand the things around me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q08
i) Advances in science and technology usually bring social benefits	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q09
j) When I leave school there will be many opportunities for me to use science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST18Q10

Q20 How often do you do these things?

(Please tick only one box in each row)

	<i>Very Often</i>	<i>Regularly</i>	<i>Sometimes</i>	<i>Never or hardly ever</i>
a) Watch TV programs about science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q01
b) Borrow or buy books on science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q02
c) Visit web sites about science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q03
d) Listen to radio programs about advances in science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q04
e) Read science magazines or science articles in newspapers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q05
f) Attend a science club	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST19Q06

Q21 Here is a list of science topics. From which source(s) did you mainly learn about each of these topics?

(Please tick as many boxes as apply in each row)

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspaper or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Photosynthesis	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QA1</i>	<i>ST20QA2</i>	<i>ST20QA3</i>	<i>ST20QA4</i>	<i>ST20QA5</i>	<i>ST20QA6</i>
b) Formation of the continents	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QB1</i>	<i>ST20QB2</i>	<i>ST20QB3</i>	<i>ST20QB4</i>	<i>ST20QB5</i>	<i>ST20QB6</i>
c) Genes and chromosomes	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QC1</i>	<i>ST20QC2</i>	<i>ST20QC3</i>	<i>ST20QC4</i>	<i>ST20QC5</i>	<i>ST20QC6</i>
d) Soundproofing	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QD1</i>	<i>ST20QD2</i>	<i>ST20QD3</i>	<i>ST20QD4</i>	<i>ST20QD5</i>	<i>ST20QD6</i>
e) Climate change	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QE1</i>	<i>ST20QE2</i>	<i>ST20QE3</i>	<i>ST20QE4</i>	<i>ST20QE5</i>	<i>ST20QE6</i>
f) Evolution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QF1</i>	<i>ST20QF2</i>	<i>ST20QF3</i>	<i>ST20QF4</i>	<i>ST20QF5</i>	<i>ST20QF6</i>
g) Nuclear energy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QG1</i>	<i>ST20QG2</i>	<i>ST20QG3</i>	<i>ST20QG4</i>	<i>ST20QG5</i>	<i>ST20QG6</i>
h) Health and nutrition	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	<i>ST20QH1</i>	<i>ST20QH2</i>	<i>ST20QH3</i>	<i>ST20QH4</i>	<i>ST20QH5</i>	<i>ST20QH6</i>

Q22 How much interest do you have in learning about the following science topics?

(Please tick only one box in each row)

	<i>High Interest</i>	<i>Medium Interest</i>	<i>Low Interest</i>	<i>No Interest</i>
a) Topics in physics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21001
b) Topics in chemistry	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21002
c) The biology of plants	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21003
d) Human biology	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21004
e) Topics in astronomy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21005
f) Topics in geology	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21006
g) Ways scientists design experiments	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21007
h) What is required for scientific explanations	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST21008

SECTION 4: THE ENVIRONMENT

Q23 How informed are you about the following environmental issues?

(Please tick only one box in each row)

	<i>I have never heard of this</i>	<i>I have heard about this but I would not be able to explain what it is really about</i>	<i>I know something about this and could explain the general issue</i>	<i>I am familiar with this and I would be able to explain this well</i>
a) The increase of greenhouse gases in the atmosphere	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST22Q01
b) Use of genetically modified organisms (GMO)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST22Q02
c) Acid rain	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST22Q03
d) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST22Q04
e) The consequences of clearing forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST22Q05

Q24 From which source(s) did you mainly learn about each of these environmental issues?

(Please tick as many boxes as apply in each row)

	<i>None of these, I am not sure what this is</i>	<i>My school</i>	<i>The TV, radio, newspaper or magazines</i>	<i>My friends</i>	<i>My family</i>	<i>The Internet or books</i>
a) Air pollution ...	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QA1	ST23QA2	ST23QA3	ST23QA4	ST23QA5	ST23QA6
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QB1	ST23QB2	ST23QB3	ST23QB4	ST23QB5	ST23QB6
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QC1	ST23QC2	ST23QC3	ST23QC4	ST23QC5	ST23QC6
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QD1	ST23QD2	ST23QD3	ST23QD4	ST23QD5	ST23QD6
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QE1	ST23QE2	ST23QE3	ST23QE4	ST23QE5	ST23QE6
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁	<input type="checkbox"/> ₁
	ST23QF1	ST23QF2	ST23QF3	ST23QF4	ST23QF5	ST23QF6

Q25 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 me personally</i>	<i>This is a serious concern only for people in other countries</i>	<i>This is not a serious concern to anyone</i>	
b) Air pollution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q01
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q02
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q03
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q04
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q05
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST24Q06

Q26 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>	
a) Air pollution	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q01
b) Energy shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q02
c) Extinction of plants and animals	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q03
d) Clearing of forests for other land use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q04
e) Water shortages	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q05
f) Nuclear waste	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	ST25Q06

Q27 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>	
a) It is important to carry out regular checks on the emissions from cars as a condition of their use	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q01
b) It disturbs me when energy is wasted through the unnecessary use of electrical appliances	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q02
c) I am in favour of having laws that regulate factory emissions even if this would increase the price of products	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q03
d) To reduce waste, the use of plastic packaging should be kept to a minimum	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q04
e) Industries should be required to prove that they safely dispose of dangerous waste materials	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q05
f) I am in favour of having laws that protect the habitats of endangered species	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q06
g) Electricity should be produced from renewable sources as much as possible, even if this increases the cost	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST26Q07

SECTION 5: CAREERS AND SCIENCE

In this section we ask you questions about science-related careers. When thinking about what a science-related career might be, think of the many jobs that involve science – not just the traditional ‘scientist’. 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.

Q28 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) The subjects <u>available</u> at my school provide students with the basic skills and knowledge for a science-related career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST27Q01
b) The science subjects at my school provide students with the basic skills and knowledge for many different careers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST27Q02
c) The subjects <u>I study</u> provide me with the basic skills and knowledge for a science-related career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST27Q03
d) My teachers equip me with the basic skills and knowledge I need for a science-related career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST27Q04

Q29 How informed are you about these topics?

(Please tick only one box in each row)

	<i>Very well informed</i>	<i>Fairly informed</i>	<i>Not well informed</i>	<i>Not informed at all</i>
a) Science-related careers that are available in the job market	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST28Q01
b) Where to find information about science-related careers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST28Q02
c) The steps students need to take if they want a science-related career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST28Q03
d) Employers or companies that hire people to work in science-related careers	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST28Q04

Q30 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I would like to work in a career involving science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST29Q01
b) I would like to study science after secondary school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST29Q02
c) I would like to spend my life doing advanced science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST29Q03
d) I would like to work on science projects as an adult	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST29Q04

Q31 What kind of job do you expect to have when you are about 30 years old?

ST30Q01

Write the job title _____

ST31N01

SECTION 6: TIME SPENT LEARNING

Q32 How much time do you typically spend per week studying the following subjects?

For each subject, please indicate separately:

- *the time spent attending regular lessons at your school;*
- *the time spent attending out-of-school-time lessons (at school, at home or somewhere else);*
- *the time spent studying or doing homework by yourself.*

An hour here refers to 60 minutes, not to a class period.

(Please tick only one box in each row)

		<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
Science					
a) Regular lessons in science at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31001
b) Out-of school-time lessons in science	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31002
c) Study or homework in science by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31003
Mathematics					
d) Regular lessons in mathematics at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31004
e) Out-of school-time lessons in mathematics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31005
f) Study or homework in mathematics by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31006
English					
g) Regular lessons in English at my school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31007
h) Out-of school-time lessons in English	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31008
i) Study or homework in English by myself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅ ST31009

Q32 (continued)

	<i>No time</i>	<i>Less than 2 hours a week</i>	<i>2 or more but less than 4 hours a week</i>	<i>4 or more but less than 6 hours a week</i>	<i>6 or more hours a week</i>
--	----------------	---------------------------------	---	---	-------------------------------

Other subjects

- | | | | | | |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|
| j) Regular lessons in other subjects at my school | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ | <input type="checkbox"/> ₅ ST31010 |
| k) Out-of-school time lessons in other subjects | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ | <input type="checkbox"/> ₅ ST31011 |
| l) Study or homework in other subjects by myself | <input type="checkbox"/> ₁ | <input type="checkbox"/> ₂ | <input type="checkbox"/> ₃ | <input type="checkbox"/> ₄ | <input type="checkbox"/> ₅ ST31012 |

Q33 What type of out-of-school-time lessons do you attend currently (if any)?

*These are lessons in subjects that you are learning at school, that you spend extra time learning outside of normal school hours. The lessons might be held at your school, at your home or somewhere else. These are **only** lessons in subjects that you also learn at school.*

(Please tick only one box in each row)

	<i>Yes</i>	<i>No</i>	
a) One to one lessons with a teacher who is also a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q01</i>
b) One to one lessons with a teacher who is <u>not</u> a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q02</i>
c) Lessons in small groups (less than 8 students) with a teacher who is also a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q03</i>
d) Lessons in small groups (less than 8 students) with a teacher who is <u>not</u> a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q04</i>
e) Lessons in larger groups (8 students or more) with a teacher who is also a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q05</i>
f) Lessons in larger groups (8 students or more) with a teacher who is <u>not</u> a teacher at your school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<i>ST32Q06</i>

SECTION 7: TEACHING AND LEARNING SCIENCE

In this section we ask you questions about your opinions and abilities in the science you are learning at school. Science refers to any science subject you are studying. Some students may study a general science course, other students may study one or more specific science subjects.

Q34 Did you or do you take any of the courses listed below?

(Please tick as many boxes as apply in each row)

	<i>Last year</i>		<i>This year</i>	
	<i>Yes</i>	<i>No</i>	<i>Yes</i>	<i>No</i>
a) A compulsory science course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q11</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q12</i>
b) An optional science course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q21</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q22</i>
c) A compulsory biology course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q31</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q32</i>
d) An optional biology course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q41</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q42</i>
e) A compulsory physics course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q51</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q52</i>
f) An optional physics course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q61</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q62</i>
g) A compulsory chemistry course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q71</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q72</i>
h) An optional chemistry course	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q81</i>	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂ <i>ST33Q82</i>

If you are studying any science subjects at school (this includes a general science course, or more specific science courses such as biology or physics), please continue.

*If you are **not** studying any science subjects, please go to Q39 on page 34.*

Q35 When learning science topics at school, how often do the following activities occur?

(Please tick only one box in each row)

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>	
a) Students are given opportunities to explain their ideas	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q01
b) Students spend time in the laboratory doing practical experiments	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q02
c) Students are required to design how a science question could be investigated in the laboratory	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q03
d) The students are asked to apply a science concept to everyday problems	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q04
e) The lessons involve students' opinions about the topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q05
f) Students are asked to draw conclusions from an experiment they have conducted	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q06
g) The teacher explains how a science idea can be applied to a number of different phenomena (e.g. the movement of objects, substances with similar properties)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q07
h) Students are allowed to design their own experiments	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q08

Q35 (continued)

	<i>In all lessons</i>	<i>In most lessons</i>	<i>In some lessons</i>	<i>Never or hardly ever</i>	
i) There is a class debate or discussion	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q09
j) Experiments are done by the teacher as demonstrations	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q10
k) Students are given the chance to choose their own investigations	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q11
l) The teacher uses science to help students understand the world outside school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q12
m) Students have discussions about the topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q13
n) Students do experiments by following the instructions of the teacher	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q14
o) The teacher clearly explains the relevance of science concepts to our lives	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q15
p) Students are asked to do an investigation to test out their own ideas	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q16
q) The teacher uses examples of technological application to show how science is relevant to society	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST34Q17

Q36 How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>	
a) Making an effort in my science subject(s) is worth it because this will help me in the work I want to do later on	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST35Q01
b) What I learn in my science subject(s) is important for me because I need this for what I want to study later on	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST35Q02
c) I study science because I know it is useful for me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST35Q03
d) Studying my science subject(s) is worthwhile for me because what I learn will improve my career prospects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST35Q04
e) I will learn many things in my science subject(s) that will help me get a job	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST35Q05

Q37 In general, how important do you think it is for you to do well in the subjects below?

(Please tick only one box in each row)

	<i>Very important</i>	<i>Important</i>	<i>Of little importance</i>	<i>Not important at all</i>	
a) Science subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST36Q01
b) Mathematics subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST36Q02
c) English subjects	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST36Q03

Q38 The following question asks about your experience in learning science topics.

How much do you agree with the statements below?

(Please tick only one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) Learning advanced science topics would be easy for me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q01
b) I can usually give good answers to test questions on science topics	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q02
c) I learn science topics quickly	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q03
d) Science topics are easy for me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q04
e) When I am being taught science, I can understand the concepts very well	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q05
f) I can easily understand new ideas in science ..	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST37Q06

SECTION 8: YOUR USE OF COMPUTERS

The following questions ask about computers: this does not include calculators or games consoles like a PlayStation™ or Xbox™.

Q39 Have you ever used a computer?

IC01001

(Please tick only one box)

Yes ₁ →

No ₂ →

<i>Please continue</i>
<i>Please go to Q44 on page 38.</i>

Q40 How long have you been using computers?

IC02001

(Please tick only one box)

Less than one year ₁

One year or more but less than three years ₂

Three years or more but less than five years ₃

Five years or more ₄

Q41 How often do you use a computer at these places?

(Please tick one box in each row)

		<i>Almost every day</i>	<i>Once or twice a week</i>	<i>A few times a month</i>	<i>Once a month or less</i>	<i>Never</i>
a) At home	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC03001</i>
b) At school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC03002</i>
c) At other places	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC03003</i>

Q42 How often do you use computers for the following reasons?

(Please tick one box in each row)

	<i>Almost every day</i>	<i>A few times each week</i>	<i>Between once a week and once a month</i>	<i>Less than once a month</i>	<i>Never</i>	
a) Browse the Internet for information about people, things, or ideas	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q01</i>
b) Play games	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q02</i>
c) Write documents (e.g. with Microsoft Word® or WordPerfect®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q03</i>
d) Use the Internet to collaborate with a group or team	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q04</i>
e) Use spreadsheets (e.g. Lotus 1 2 3® or Microsoft Excel®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q05</i>
f) Download software from the Internet (including games)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q06</i>
g) Drawing, painting or using graphics programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q07</i>
h) Use educational software such as Mathematics programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q08</i>
i) Download music from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q09</i>
j) Writing computer programs	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q10</i>
k) For communication (e.g. E-mail or “chat rooms”)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<i>IC04Q11</i>

Q43 How well can you do each of these tasks on a computer?

(Please tick one box in each row)

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>	
a) Chat online	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q01</i>
b) Use software to find and get rid of computer viruses	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q02</i>
c) Edit digital photographs or other graphic images	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q03</i>
d) Create a database (e.g. using Microsoft Access®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q04</i>
e) Copy data to a CD (e.g. make a music CD)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q05</i>
f) Move files from one place to another on a computer	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q06</i>
g) Search the Internet for information	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q07</i>
h) Download files or programs from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q08</i>
i) Attach a file to an E-mail message	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q09</i>
j) Use a word processor (e.g. to write an essay for school)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q10</i>
k) Use a spreadsheet to plot a graph	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q11</i>
l) Create a presentation (e.g. using Microsoft PowerPoint®)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q12</i>
m) Download music from the Internet	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q13</i>

Q43 (continued)

	<i>I can do this very well by myself</i>	<i>I can do this with help from someone</i>	<i>I know what this means but I cannot do it</i>	<i>I don't know what this means</i>	
n) Create a multi-media presentation (with sound, pictures, video)	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q14</i>
o) Write and send E-mails	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q15</i>
p) Construct a web page	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<i>IC05Q16</i>

SECTION 9: OUT OF SCHOOL ACTIVITIES

Q44 On average, how many hours do you spend each week on the following?

(When answering include time at the weekend too)

- a) Working at a paid job (not at home) _____ hours per week **ST44N01**
- b) Watching TV _____ hours per week **ST44N02**
- c) Listening to music _____ hours per week **ST44N03**
- d) Playing sport _____ hours per week **ST44N04**
- e) Reading for pleasure _____ hours per week **ST44N05**
- f) Doing unpaid or voluntary work _____ hours per week **ST44N06**

SECTION 10: YOUR LIFE AT SCHOOL

Q45 Compared with most of the students in your year level at school, how well are you doing in...

(Please tick one box in each row)

	Very well	Better than average	About average	Not very well	Very poorly	Not studying this subject
a) Your English/literacy subject(s)?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆ ST45N01
b) Your mathematics/ numeracy subject(s)?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆ ST45N02
c) Your subjects overall?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆ ST45N03

Q46 My school is a place where...

(Please tick one box in each row)

	Strongly agree	Agree	Disagree	Strongly disagree
a) The work we do is interesting	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N01
b) Teachers are fair and just to me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N02
c) The things I learn are important to me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N03
d) I have learnt to work hard	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N04
e) I feel happy	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N05
f) Teachers listen to what I say	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N06
g) I achieve a standard in my work which I consider satisfactory	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST46N07

Q46 (continued)

My school is a place where...

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>	
h) I like learning	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N08
i) I get enjoyment from being here	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N09
j) The work I do is good preparation for my future	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N10
k) I like to ask questions in class	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N11
l) Teachers give me the marks I deserve	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N12
m) I have acquired skills that will be of use to me when I leave school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N13
n) I always achieve a satisfactory standard in my work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N14
o) I like to do extra work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N15
p) Teachers take a personal interest in helping me with my school work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N16
q) I really like to go each day	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N17
r) I enjoy what I do in class	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N18
s) I always try to do my best	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N19
t) The things I learn will help me in my adult life	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N20
u) I know how to cope with the work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N21
v) Teachers help me do my best	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N22
w) I get excited about the work that we do	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N23

Q46 (continued)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>	
x) I find that learning is a lot of fun	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N24
y) I am given the chance to do work that really interests me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N25
z) I know I can do well enough to be successful	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N26
aa) The things I am taught are worth learning	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N27
ab) I feel safe and secure	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N28
ac) Teachers treat me fairly in class	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N29
ad) I am a success as a student	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	ST46N30

Q47 Do you plan to complete Year 12?

ST47N01

(Please tick only one box)

Yes, I plan to complete Year 12 ₁

No, I do not plan to complete Year 12 ₂

I am not sure at this time ₃

SECTION 11: STUDY PLANS AFTER SCHOOL

Q48 In the year immediately after you leave school...

(Please tick one box in each row)

	<i>Go to university</i>	<i>Get an apprenticeship</i>	<i>Get a traineeship</i>	<i>Go to a TAFE or VET college</i>	<i>Do some other study or training</i>	<i>Look for work/get a job</i>	<i>Don't know</i>	<i>Something else...</i>	
a) What do you plan to do?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇	<input type="checkbox"/> ₈	ST48N01 _____
b) What do your parents want you to do?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇	<input type="checkbox"/> ₈	ST48N02 _____
c) What do most of your friends plan to do?	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	<input type="checkbox"/> ₆	<input type="checkbox"/> ₇	<input type="checkbox"/> ₈	ST48N03 _____

Q49 Do you plan to do any further study at any other time after you leave school?

ST49N01

(Please tick *only one* box)

- No ₁
- Yes, university course ₂
- Yes, apprenticeship ₃
- Yes, traineeship ₄
- Yes, other TAFE or VET course .. ₅
- Something else ₆



Please go to Q50 on the next page

If something else, please tell us _____

SECTION 12: CONTACT DETAILS

Q50 We would like to be able to keep in contact with you regarding your experiences in school, work, and further training.

Please complete the following in BLOCK letters.

NAME:

HOME ADDRESS:

Number and Street

Suburb/Town

State

Post Code

Home Phone No

()																		
---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Mobile Phone No

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Email

Please note: This information is removed from the PISA database at the conclusion of testing and will be used only as a contact for the follow-up study.

SECTION 13: WORK

Q51 Do you currently have a part-time or casual job? **ST51N01**

This means a job that you do during school term, NOT just during holidays, and for which you are paid. Please do not include jobs you do at home to help out or for pocket money.

(Please tick only one box)

Yes, I have a part-time or casual job ₁



Please continue

No, I do not currently have a job ₂



Please go to page 46

Q52 During a typical week, how many hours do you work (in total) in your job?

(If you do not work during one of these periods, please write zero (0))

Monday to Friday ——— hours

ST52N01

Saturday and Sunday ——— hours

ST52N02

Q53 In your main job, how much is your usual take-home pay?

(Please enter your pay and circle the relevant payment period)

\$ ST53N01. ST53N02 per (hour / week / fortnight / month)

ST53N03

Q54 What is your job (e.g., cashier, food attendant)? **ANZSCO**

Please write in the job title. _____

Q55 What do you do in your job? (e.g., serve customers, clean floors)?

Please use a sentence to describe the kind of work you do in your job.

Q56 What are your reasons for working?

I work because ...

(Please tick one box in each row)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) It is the kind of work I want to do as a career	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N01
b) I enjoy the work	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N02
c) My family needs the money	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N03
d) I like the sense of independence the job provides me	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N04
e) It will help me get a job when I finish studying	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N05
f) It is in the family business and I am expected to help	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N06
g) I need money to help support myself at school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N07
h) Working gives me my own spending money	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄ ST56N08

If you are in Year 9 or 10, please continue.

If you are in Year 11 or 12, please go to Q60 on page 48.

SECTION 14: WORK EXPERIENCE (Questions for Year 9 or 10 students)

Work experience is a program that gives secondary school students a chance to explore and experience the world of work. Students can observe different aspects of work and may be given small jobs to do. Work experience usually involves placements of 1 or 2 weeks in a business or industry.

Q57 As a part of your schooling, have you done any work experience this year? **ST57N01**

(Please tick only one box)

No, I am not doing work experience this year ₁



*You have completed the questionnaire.
Thank you for taking part in PISA.*

No, not yet but I will do work experience between now and the end of the year ₂



*You have completed the questionnaire.
Thank you for taking part in PISA.*

Yes, I have done work experience this year ₃



Please continue

Q58 How many days of work experience have you done? **ST58N01**

_____ days

Q59 How much did work experience teach you about ...

(Please tick one box in each row)

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>	
a) what work is really like	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N01
b) getting along with other people	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N02
c) following instructions	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N03
d) thinking for yourself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N04
e) being confident	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N05
f) the kind of skills needed for that job ...	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N06
g) working conditions in general	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N07
h) the career you would like after school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST59N08

Year 9 and 10 students:

You have completed the questionnaire.

Thank you for taking part in PISA.

SECTION 15: Courses at School
(Questions for Year 11 or 12 students)

Q60 During 2006, are you studying for the International Baccalaureate (IB)?

ST60N01

(Please tick only one box)

Yes ₁ →

*You have completed the questionnaire.
Thank you for taking part in PISA.*

No ₂ →

Please continue

Q61 This year are you doing or have you done any Vocational Education and Training (VET) subjects at school?

ST61N01

(Please tick only one box.)

Yes ₁ →

Please continue

No ₂ →

Please go to Q65 on page 50

Q62 Is this VET study part of an apprenticeship or traineeship?

ST62N01

(Please tick only one box)

Yes, apprenticeship ₁

Yes, traineeship ₂

No, neither ₃

Q63 Does this VET study involve time spent learning in a workplace (away from school)? **ST63N01**

(Please tick only one box and enter the number of days learning away from school)

No, I do not spend any time learning in a workplace as part of my VET study ₁



Please go to Q65 on page 50.

Yes, **I will** spend time between now and the end of the year in a workplace ₂



How many days **ST63N02A**

Please go to Q65 on page 50.

Yes, **I have** spent time learning in a workplace away from school ₃



How many days **ST63N03A**

Q64 How much has your workplace learning taught you about the following things?

(Please tick one box in each row)

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>	
a) What work is really like	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N01
b) Getting along with other people	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N02
c) Following instructions	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N03
d) Thinking for yourself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N04
e) Being confident	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N05
f) The kind of skills needed for that job	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N06
g) Working conditions in general	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N07
h) The career you would like after school ..	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST64N08

Q65 This year are you doing or have you done any study at a TAFE college or TAFE subjects as part of your schooling? *ST65N01*

(Please tick only one box)

Yes ₁ →

Please continue

No ₂ →

You have completed the questionnaire.

Thank you for taking part in PISA.

Q66 Is this TAFE study part of an apprenticeship or traineeship? *ST66N01*

(Please tick only one box)

Yes, apprenticeship ₁

Yes, traineeship ₂

No, neither ₃

Q67 Does this TAFE study involve time spent learning in a workplace (away from school)? *ST67N01*

(Please tick only one box and enter the number of days learning away from school)

No, I do not spend any time learning in a workplace as part of my TAFE study ... ₁ →

You have completed the questionnaire. Thank you for taking part in PISA.

Yes, **I will** spend time between now and the end of the year in a workplace ₂ →

How many days *ST67N02A*

You have completed the questionnaire. Thank you for taking part in PISA.

Yes, **I have** spent time learning in a workplace away from school ₃ →

How many days *ST67N02B*

Q68 How much has your workplace learning taught you about the following things?

(Please tick one box in each row)

	<i>Quite a lot</i>	<i>A fair bit</i>	<i>Not much</i>	<i>Nothing</i>	<i>Don't know</i>	
a) What work is really like	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N01
b) Getting along with other people	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N02
c) Following instructions	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N03
d) Thinking for yourself	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N04
e) Being confident	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N05
f) The kind of skills needed for that job ..	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N06
g) Working conditions in general	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N07
h) The career you would like after school	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅	ST68N08

You have completed the questionnaire.

Thank you for taking part in PISA.