

In this questionnaire you will find questions about the following topics:

- *You, your family, and your home*
- *Your views on science and the environment*
- *Learning science in school*
- *Your plans for further education*
- *Study of science for the Leaving Cert.*
- *STEM courses and careers.*

Please read each question carefully and answer as accurately as you can.

In this questionnaire, there are no right or wrong answers. Your answers should be the ones that are right for you.

You can ask for help if you do not understand something or are not sure how to answer a question.

*Some questions relate to **school science**. Please think of all the different subjects and courses in your school that include science. If you are in junior cycle, you probably study **Junior Cert. science**, and if you are in senior cycle, you might study **Leaving Cert. physics, chemistry, biology, physics/chemistry combined, or agricultural science**. Not all students in Ireland study science.*

*The **forward button** that is used to go on to the next question is located at the **bottom right hand corner** of your screen. Sometimes you might need to scroll down to the bottom of your screen to be able to click on the forward button.*

Your answers will be combined with others to make totals and averages in which no individual can be identified. All your answers will be kept confidential.

Thank you very much for taking part in PISA.

Section A: You, Your Family, and Your Home

What year are you in?

(Please select from the drop-down menu to answer the question.)

Year

ST001Q01TA01

Select... 

- Year (ST001Q01TA01)
 - Select...
 - Second Year
 - Third Year (Junior Cert. Year)
 - Transition Year
 - Fifth Year

Which one of the following programmes are you in?

(Please select one response.)

Junior Certificate

ST002Q01TA01

Transition Year

ST002Q01TA02

Leaving Certificate Applied

ST002Q01TA03

Leaving Certificate General

ST002Q01TA04

Leaving Certificate Vocational

ST002Q01TA05

Youthreach

ST002Q01TA06

On what date were you born?

(Please select the day, month, and year from the drop-down menus to answer the question.)

Day

ST003Q01TA01

Select... 

- Day (ST003Q01TA01)

Select...

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29

30
31

ST003Q02TA01

Month

Select... 

- Month (ST003Q02TA01)
Select...
January
February
March
April
May
June
July
August
September
October
November
December

ST003Q03TA01

Year

Select... 

- Year (ST003Q03TA01)
Select...
1998
1999
2000
2001

Consistency check rule

Rule: IF (^ST003Q01TA01 = null OR ^ST003Q02TA01 = null OR ^ST003Q03TA01 = null)

Message: Please enter your complete birth date.

Are you female or male?

(Please select one response.)

Female

ST004Q01TA01

Male

ST004Q01TA02

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

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

(Please select one response.)

Leaving Certificate (General or Vocational)

ST005Q01TA01

Leaving Certificate (Applied)

ST005Q01TA02

Junior Certificate, Group Certificate, or Inter. Certificate

ST005Q01TA03

Primary school

ST005Q01TA04

She did not complete primary school

ST005Q01TA05

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 select one response in each row.)

	Yes	No
A Doctorate (Ph.D.)	ST006Q01TA01 <input type="radio"/>	ST006Q01TA02 <input type="radio"/>
A university degree, post-graduate diploma or Masters degree	ST006Q02TA01 <input type="radio"/>	ST006Q02TA02 <input type="radio"/>
A third-level certificate or diploma, NOT to degree level (e.g., from an Institute of Technology or Regional Technical College)	ST006Q03TA01 <input type="radio"/>	ST006Q03TA02 <input type="radio"/>
An apprenticeship or Post-Leaving Certificate course (e.g., a computer course)	ST006Q04TA01 <input type="radio"/>	ST006Q04TA02 <input type="radio"/>

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

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

(Please select one response.)

Leaving Certificate (General or Vocational)

ST007Q01TA01

Leaving Certificate (Applied)

ST007Q01TA02

Junior Certificate, Group Certificate, or Inter. Certificate

ST007Q01TA03

Primary school

ST007Q01TA04

He did not complete primary school

ST007Q01TA05

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 select one response in each row.)

	Yes	No
A Doctorate (Ph.D.)	ST008Q01TA01 <input type="radio"/>	ST008Q01TA02 <input type="radio"/>
A university degree, post-graduate diploma or Masters degree	ST008Q02TA01 <input type="radio"/>	ST008Q02TA02 <input type="radio"/>
A third-level certificate or diploma, NOT to degree level (e.g. from an Institute of Technology or Regional Technical College)	ST008Q03TA01 <input type="radio"/>	ST008Q03TA02 <input type="radio"/>
An apprenticeship or Post-Leaving Certificate course (e.g., a secretarial course)	ST008Q04TA01 <input type="radio"/>	ST008Q04TA02 <input type="radio"/>

What is your mother currently doing?

(Please select one response.)

Working full-time for pay

ST009Q01TA01

Working part-time for pay

ST009Q01TA02

Not working, but looking for a job

ST009Q01TA03

Other (studying, no longer working, retired)

ST009Q01TA04

What is your father currently doing?

(Please select one response.)

Working full-time for pay

ST010Q01TA01

Working part-time for pay

ST010Q01TA02

Not working, but looking for a job

ST010Q01TA03

Other (studying, no longer working, retired)

ST010Q01TA04

Which of the following are in your home?

(Please select one response in each row.)

	Yes	No
A desk to study at	ST011Q01TA01 <input type="radio"/>	ST011Q01TA02 <input type="radio"/>
A room of your own	ST011Q02TA01 <input type="radio"/>	ST011Q02TA02 <input type="radio"/>
A quiet place to study	ST011Q03TA01 <input type="radio"/>	ST011Q03TA02 <input type="radio"/>
A computer you can use for school work	ST011Q04TA01 <input type="radio"/>	ST011Q04TA02 <input type="radio"/>
Educational software	ST011Q05TA01 <input type="radio"/>	ST011Q05TA02 <input type="radio"/>
A link to the Internet	ST011Q06TA01 <input type="radio"/>	ST011Q06TA02 <input type="radio"/>
Classic literature (e.g. James Joyce)	ST011Q07TA01 <input type="radio"/>	ST011Q07TA02 <input type="radio"/>
Poetry books	ST011Q08TA01 <input type="radio"/>	ST011Q08TA02 <input type="radio"/>
Works of art (e.g. paintings)	ST011Q09TA01 <input type="radio"/>	ST011Q09TA02 <input type="radio"/>
Books to help with your school work	ST011Q10TA01 <input type="radio"/>	ST011Q10TA02 <input type="radio"/>

Technical reference books

ST011Q11TA01

ST011Q11TA02

A dictionary

ST011Q12TA01

ST011Q12TA02

A DVD player

ST011Q13TA01

ST011Q13TA02

Flat screen (Plasma or LCD) TV

ST011Q14NA01

ST011Q14NA02

Paid satellite/cable TV (e.g. UPC or Sky TV)

ST011Q15NA01

ST011Q15NA02

Books on art, music, or design

ST011Q16NA01

ST011Q16NA02

Your own MP3 player (e.g. iPod®)

ST011Q17TA01

ST011Q17TA02

Your own laptop or tablet computer (e.g. iPad®, BlackBerry®, PlayBook™)

ST011Q18TA01

ST011Q18TA02

Your own smartphone (e.g. iPhone®, Samsung® or Sony® android phone)

ST011Q19TA01

ST011Q19TA02

How many of these are there at your home?

(Please select one response in each row.)

	<i>None</i>	<i>One</i>	<i>Two</i>	<i>Three or more</i>
Televisions	ST012Q01TA01 <input type="radio"/>	ST012Q01TA02 <input type="radio"/>	ST012Q01TA03 <input type="radio"/>	ST012Q01TA04 <input type="radio"/>
Cars	ST012Q02TA01 <input type="radio"/>	ST012Q02TA02 <input type="radio"/>	ST012Q02TA03 <input type="radio"/>	ST012Q02TA04 <input type="radio"/>
Bathrooms (rooms with a bath or shower)	ST012Q03TA01 <input type="radio"/>	ST012Q03TA02 <input type="radio"/>	ST012Q03TA03 <input type="radio"/>	ST012Q03TA04 <input type="radio"/>
Mobile phones (without Internet access)	ST012Q04NA01 <input type="radio"/>	ST012Q04NA02 <input type="radio"/>	ST012Q04NA03 <input type="radio"/>	ST012Q04NA04 <input type="radio"/>
Mobile phones (with Internet access)	ST012Q05NA01 <input type="radio"/>	ST012Q05NA02 <input type="radio"/>	ST012Q05NA03 <input type="radio"/>	ST012Q05NA04 <input type="radio"/>
Computers (desktop computer, portable laptop, or notebook)	ST012Q06NA01 <input type="radio"/>	ST012Q06NA02 <input type="radio"/>	ST012Q06NA03 <input type="radio"/>	ST012Q06NA04 <input type="radio"/>
Tablet computers (e.g. iPad®, BlackBerry®, PlayBook™)	ST012Q07NA01 <input type="radio"/>	ST012Q07NA02 <input type="radio"/>	ST012Q07NA03 <input type="radio"/>	ST012Q07NA04 <input type="radio"/>
E-book readers (e.g. Kindle™, Kobo, Bookeen)	ST012Q08NA01 <input type="radio"/>	ST012Q08NA02 <input type="radio"/>	ST012Q08NA03 <input type="radio"/>	ST012Q08NA04 <input type="radio"/>
Musical instruments (e.g. guitar, piano)	ST012Q09NA01 <input type="radio"/>	ST012Q09NA02 <input type="radio"/>	ST012Q09NA03 <input type="radio"/>	ST012Q09NA04 <input type="radio"/>



How many books are there in your home?

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

(Please select one response.)

0-10 books

ST013Q01TA01

11-25 books

ST013Q01TA02

26-100 books

ST013Q01TA03

101-200 books

ST013Q01TA04

201-500 books

ST013Q01TA05

More than 500 books

ST013Q01TA06

The following two questions concern your mother's job:

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

What is your mother's main job?
(e.g. school teacher, kitchen-hand, sales manager)
Please type in the job title.

ST014Q01TA01

What does your mother do in her main job?
(e.g. teaches secondary school students, helps the cook prepare meals in a restaurant, manages a sales team)
Please use a sentence to describe the kind of work she does or did in that job.

ST014Q02TA01

The following two questions concern your father's job:

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

What is your father's main job?
(e.g. school teacher, kitchen-hand, sales manager)
Please type in the job title.

ST015Q01TA01

What does your father do in his main job?
(e.g. teaches secondary school students, helps the cook prepare meals in a restaurant, manages a sales team)
Please use a sentence to describe the kind of work he does or did in that job.

ST015Q02TA01

What kind of work do your father and mother do for their main jobs?

(Choose the job category that best describes what your father/your mother does. Each category has a few examples to help you decide the correct category. If your father or mother is not working now, think about the last job he/she had. If you are not sure, make your best guess.)

(Please select one response in each column.)

	Your father	Your mother
Has never worked outside the home for pay	ST091AQ01N01 <input type="radio"/>	ST091BQ01N01 <input type="radio"/>
Small Business Owner (Includes owners of small business with fewer than 25 employees such as shops, hairdressers, petrol stations, restaurants)	ST091AQ01N02 <input type="radio"/>	ST091BQ01N02 <input type="radio"/>
Clerical Worker (Includes office workers; secretaries; typists; data entry workers; customer service workers)	ST091AQ01N03 <input type="radio"/>	ST091BQ01N03 <input type="radio"/>
Service or Sales Worker (Includes flight attendants; waiters and waitresses; hairdressers and beauticians; security guards; salespersons)	ST091AQ01N04 <input type="radio"/>	ST091BQ01N04 <input type="radio"/>
Skilled Agricultural or Fishery Worker (Includes farmers; fishermen/women; forestry workers)	ST091AQ01N05 <input type="radio"/>	ST091BQ01N05 <input type="radio"/>
Craft or Trade Worker (Includes builders; carpenters; plumbers; electricians; metal workers; machine mechanics; craft workers)	ST091AQ01N06 <input type="radio"/>	ST091BQ01N06 <input type="radio"/>
Plant or Machine Operator (Includes plant and machine operators; assembly-line operators; van drivers; taxi drivers; delivery couriers)	ST091AQ01N07 <input type="radio"/>	ST091BQ01N07 <input type="radio"/>

<p>General Labourers (Includes helpers and cleaners; building caretakers; messengers, porters and doorkeepers; farm, fishery, agricultural, and construction workers)</p>	<p>ST091AQ01N08 <input type="radio"/></p>	<p>ST091BQ01N08 <input type="radio"/></p>
<p>Corporate Manager or Senior Official (Includes managers of large companies with 25 or more employees or managers of departments within large companies; legislators or senior government officials; senior officials of special-interest organizations; military officers)</p>	<p>ST091AQ01N09 <input type="radio"/></p>	<p>ST091BQ01N09 <input type="radio"/></p>
<p>Professional (Includes scientists; mathematicians; computer scientists; architects; engineers; life science and health professionals; teachers; legal professionals; social scientists; writers and artists; religious professionals)</p>	<p>ST091AQ01N10 <input type="radio"/></p>	<p>ST091BQ01N10 <input type="radio"/></p>
<p>Technician or Associate Professional (Includes science, engineering, and computer associates and technicians; life science and health technicians and assistants; teachers' assistants; finance and sales associate professionals; business service agents; administrative assistants)</p>	<p>ST091AQ01N11 <input type="radio"/></p>	<p>ST091BQ01N11 <input type="radio"/></p>
<p>Something else</p>	<p>ST091AQ01N12 <input type="radio"/></p>	<p>ST091BQ01N12 <input type="radio"/></p>

Section B: Your Views On Science and the Environment

How informed are you about the following environmental issues?

(Please select one response 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>
The increase of greenhouse gases in the atmosphere.	ST092Q01TA01 <input type="radio"/>	ST092Q01TA02 <input type="radio"/>	ST092Q01TA03 <input type="radio"/>	ST092Q01TA04 <input type="radio"/>
The use of genetically modified plants and animals (e.g. GMO crops)	ST092Q02TA01 <input type="radio"/>	ST092Q02TA02 <input type="radio"/>	ST092Q02TA03 <input type="radio"/>	ST092Q02TA04 <input type="radio"/>
Acid rain	ST092Q03TA01 <input type="radio"/>	ST092Q03TA02 <input type="radio"/>	ST092Q03TA03 <input type="radio"/>	ST092Q03TA04 <input type="radio"/>
Nuclear waste	ST092Q04TA01 <input type="radio"/>	ST092Q04TA02 <input type="radio"/>	ST092Q04TA03 <input type="radio"/>	ST092Q04TA04 <input type="radio"/>
The consequences of clearing forests for other land use	ST092Q05TA01 <input type="radio"/>	ST092Q05TA02 <input type="radio"/>	ST092Q05TA03 <input type="radio"/>	ST092Q05TA04 <input type="radio"/>
Air pollution	ST092Q06NA01 <input type="radio"/>	ST092Q06NA02 <input type="radio"/>	ST092Q06NA03 <input type="radio"/>	ST092Q06NA04 <input type="radio"/>
Energy shortages	ST092Q07NA01 <input type="radio"/>	ST092Q07NA02 <input type="radio"/>	ST092Q07NA03 <input type="radio"/>	ST092Q07NA04 <input type="radio"/>
Extinction of plants and animals	ST092Q08NA01 <input type="radio"/>	ST092Q08NA02 <input type="radio"/>	ST092Q08NA03 <input type="radio"/>	ST092Q08NA04 <input type="radio"/>
	ST092Q09NA01	ST092Q09NA02	ST092Q09NA03	ST092Q09NA04

Shortage of water resources



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

(Please select one response in each row.)

	<i>Improve</i>	<i>Stay about the same</i>	<i>Get worse</i>
Air pollution	ST093Q01TA01 <input type="radio"/>	ST093Q01TA02 <input type="radio"/>	ST093Q01TA03 <input type="radio"/>
Energy shortages	ST093Q02TA01 <input type="radio"/>	ST093Q02TA02 <input type="radio"/>	ST093Q02TA03 <input type="radio"/>
Extinction of plants and animals	ST093Q03TA01 <input type="radio"/>	ST093Q03TA02 <input type="radio"/>	ST093Q03TA03 <input type="radio"/>
Clearing of forests for other land use	ST093Q04TA01 <input type="radio"/>	ST093Q04TA02 <input type="radio"/>	ST093Q04TA03 <input type="radio"/>
Shortage of water resources	ST093Q05TA01 <input type="radio"/>	ST093Q05TA02 <input type="radio"/>	ST093Q05TA03 <input type="radio"/>
Nuclear waste	ST093Q06TA01 <input type="radio"/>	ST093Q06TA02 <input type="radio"/>	ST093Q06TA03 <input type="radio"/>
The increase of greenhouse gases in the atmosphere	ST093Q07NA01 <input type="radio"/>	ST093Q07NA02 <input type="radio"/>	ST093Q07NA03 <input type="radio"/>
The use of genetically modified plants and animals (e.g. GMO crops)	ST093Q08NA01 <input type="radio"/>	ST093Q08NA02 <input type="radio"/>	ST093Q08NA03 <input type="radio"/>
Acid rain	ST093Q09NA01 <input type="radio"/>	ST093Q09NA02 <input type="radio"/>	ST093Q09NA03 <input type="radio"/>



How much do you disagree or agree with the statements about yourself below?

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I generally have fun when I am learning science topics.	ST094Q01NA01 <input type="radio"/>	ST094Q01NA02 <input type="radio"/>	ST094Q01NA03 <input type="radio"/>	ST094Q01NA04 <input type="radio"/>
I like reading about science.	ST094Q02NA01 <input type="radio"/>	ST094Q02NA02 <input type="radio"/>	ST094Q02NA03 <input type="radio"/>	ST094Q02NA04 <input type="radio"/>
I am happy working on science topics.	ST094Q03NA01 <input type="radio"/>	ST094Q03NA02 <input type="radio"/>	ST094Q03NA03 <input type="radio"/>	ST094Q03NA04 <input type="radio"/>
I enjoy learning new things in science.	ST094Q04NA01 <input type="radio"/>	ST094Q04NA02 <input type="radio"/>	ST094Q04NA03 <input type="radio"/>	ST094Q04NA04 <input type="radio"/>
I am interested in learning about science.	ST094Q05NA01 <input type="radio"/>	ST094Q05NA02 <input type="radio"/>	ST094Q05NA03 <input type="radio"/>	ST094Q05NA04 <input type="radio"/>

To what extent are you interested in the following science topics?

(Please select one response in each row.)

	<i>Not interested</i>	<i>Hardly interested</i>	<i>Interested</i>	<i>Highly interested</i>	<i>I don't know what this is</i>
The concept of an organism (e.g. unicellular and multicellular)	ST095Q01NA01 <input type="radio"/>	ST095Q01NA02 <input type="radio"/>	ST095Q01NA03 <input type="radio"/>	ST095Q01NA04 <input type="radio"/>	ST095Q01NA05 <input type="radio"/>
Humans (e.g. health, nutrition)	ST095Q02NA01 <input type="radio"/>	ST095Q02NA02 <input type="radio"/>	ST095Q02NA03 <input type="radio"/>	ST095Q02NA04 <input type="radio"/>	ST095Q02NA05 <input type="radio"/>
Populations (e.g. species, evolution, biodiversity)	ST095Q03NA01 <input type="radio"/>	ST095Q03NA02 <input type="radio"/>	ST095Q03NA03 <input type="radio"/>	ST095Q03NA04 <input type="radio"/>	ST095Q03NA05 <input type="radio"/>
Biosphere (e.g. ecosystems, sustainability)	ST095Q04NA01 <input type="radio"/>	ST095Q04NA02 <input type="radio"/>	ST095Q04NA03 <input type="radio"/>	ST095Q04NA04 <input type="radio"/>	ST095Q04NA05 <input type="radio"/>
Structure of matter (e.g. particle model, molecular bonds)	ST095Q05NA01 <input type="radio"/>	ST095Q05NA02 <input type="radio"/>	ST095Q05NA03 <input type="radio"/>	ST095Q05NA04 <input type="radio"/>	ST095Q05NA05 <input type="radio"/>
Chemical changes of matter (e.g. chemical reactions, energy transfer)	ST095Q06NA01 <input type="radio"/>	ST095Q06NA02 <input type="radio"/>	ST095Q06NA03 <input type="radio"/>	ST095Q06NA04 <input type="radio"/>	ST095Q06NA05 <input type="radio"/>
Motion and forces (e.g. velocity, friction, magnetic and gravitational forces)	ST095Q07NA01 <input type="radio"/>	ST095Q07NA02 <input type="radio"/>	ST095Q07NA03 <input type="radio"/>	ST095Q07NA04 <input type="radio"/>	ST095Q07NA05 <input type="radio"/>
Energy and its transformation (e.g. conservation, chemical reactions)	ST095Q08NA01 <input type="radio"/>	ST095Q08NA02 <input type="radio"/>	ST095Q08NA03 <input type="radio"/>	ST095Q08NA04 <input type="radio"/>	ST095Q08NA05 <input type="radio"/>
Interactions between energy and matter (e.g. light and radio waves)	ST095Q09NA01 <input type="radio"/>	ST095Q09NA02 <input type="radio"/>	ST095Q09NA03 <input type="radio"/>	ST095Q09NA04 <input type="radio"/>	ST095Q09NA05 <input type="radio"/>

Change in Earth systems (e.g. plate tectonics, constructive and destructive forces)	ST095Q10NA01 <input type="radio"/>	ST095Q10NA02 <input type="radio"/>	ST095Q10NA03 <input type="radio"/>	ST095Q10NA04 <input type="radio"/>	ST095Q10NA05 <input type="radio"/>
Earth's history (e.g. fossils, origin and evolution)	ST095Q11NA01 <input type="radio"/>	ST095Q11NA02 <input type="radio"/>	ST095Q11NA03 <input type="radio"/>	ST095Q11NA04 <input type="radio"/>	ST095Q11NA05 <input type="radio"/>
Space science (e.g. gravity, solar systems, galaxies)	ST095Q12NA01 <input type="radio"/>	ST095Q12NA02 <input type="radio"/>	ST095Q12NA03 <input type="radio"/>	ST095Q12NA04 <input type="radio"/>	ST095Q12NA05 <input type="radio"/>
The Universe and its history	ST095Q13NA01 <input type="radio"/>	ST095Q13NA02 <input type="radio"/>	ST095Q13NA03 <input type="radio"/>	ST095Q13NA04 <input type="radio"/>	ST095Q13NA05 <input type="radio"/>
Explanations of how things work	ST095Q14NA01 <input type="radio"/>	ST095Q14NA02 <input type="radio"/>	ST095Q14NA03 <input type="radio"/>	ST095Q14NA04 <input type="radio"/>	ST095Q14NA05 <input type="radio"/>
How science can help us prevent disease	ST095Q15NA01 <input type="radio"/>	ST095Q15NA02 <input type="radio"/>	ST095Q15NA03 <input type="radio"/>	ST095Q15NA04 <input type="radio"/>	ST095Q15NA05 <input type="radio"/>
How science can help solve environmental problems	ST095Q16NA01 <input type="radio"/>	ST095Q16NA02 <input type="radio"/>	ST095Q16NA03 <input type="radio"/>	ST095Q16NA04 <input type="radio"/>	ST095Q16NA05 <input type="radio"/>

How interested are you in the following school subjects?

(Please answer only for those subjects that you had this year or last year. Otherwise, select the box 'I didn't have this subject'.)

(Please select only one response in each row.)

	<i>Not interested</i>	<i>Hardly interested</i>	<i>Interested</i>	<i>Highly interested</i>	<i>I didn't have this subject</i>
English	ST096Q01NA01 <input type="radio"/>	ST096Q01NA02 <input type="radio"/>	ST096Q01NA03 <input type="radio"/>	ST096Q01NA04 <input type="radio"/>	ST096Q01NA05 <input type="radio"/>
Irish	ST096C14NA01 <input type="radio"/>	ST096C14NA02 <input type="radio"/>	ST096C14NA03 <input type="radio"/>	ST096C14NA04 <input type="radio"/>	ST096C14NA05 <input type="radio"/>
Mathematics	ST096Q02NA01 <input type="radio"/>	ST096Q02NA02 <input type="radio"/>	ST096Q02NA03 <input type="radio"/>	ST096Q02NA04 <input type="radio"/>	ST096Q02NA05 <input type="radio"/>
Junior Cert. Science	ST096Q09NA01 <input type="radio"/>	ST096Q09NA02 <input type="radio"/>	ST096Q09NA03 <input type="radio"/>	ST096Q09NA04 <input type="radio"/>	ST096Q09NA05 <input type="radio"/>
Leaving Cert. Physics	ST096Q07NA01 <input type="radio"/>	ST096Q07NA02 <input type="radio"/>	ST096Q07NA03 <input type="radio"/>	ST096Q07NA04 <input type="radio"/>	ST096Q07NA05 <input type="radio"/>
Leaving Cert. Chemistry	ST096Q04NA01 <input type="radio"/>	ST096Q04NA02 <input type="radio"/>	ST096Q04NA03 <input type="radio"/>	ST096Q04NA04 <input type="radio"/>	ST096Q04NA05 <input type="radio"/>
Leaving Cert. Physics/Chemistry combined	ST096C15NA01 <input type="radio"/>	ST096C15NA02 <input type="radio"/>	ST096C15NA03 <input type="radio"/>	ST096C15NA04 <input type="radio"/>	ST096C15NA05 <input type="radio"/>
Leaving Cert. Biology	ST096Q05NA01 <input type="radio"/>	ST096Q05NA02 <input type="radio"/>	ST096Q05NA03 <input type="radio"/>	ST096Q05NA04 <input type="radio"/>	ST096Q05NA05 <input type="radio"/>
Leaving Cert. Agricultural Science	ST096Q08NA01 <input type="radio"/>	ST096Q08NA02 <input type="radio"/>	ST096Q08NA03 <input type="radio"/>	ST096Q08NA04 <input type="radio"/>	ST096Q08NA05 <input type="radio"/>

Social sciences (e.g. CSPE, SPHE, ESS, Social Education, Home Economics)	ST096Q10NA01 <input type="radio"/>	ST096Q10NA02 <input type="radio"/>	ST096Q10NA03 <input type="radio"/>	ST096Q10NA04 <input type="radio"/>	ST096Q10NA05 <input type="radio"/>
Sports/physical education	ST096Q11NA01 <input type="radio"/>	ST096Q11NA02 <input type="radio"/>	ST096Q11NA03 <input type="radio"/>	ST096Q11NA04 <input type="radio"/>	ST096Q11NA05 <input type="radio"/>
European Language(s)	ST096Q12NA01 <input type="radio"/>	ST096Q12NA02 <input type="radio"/>	ST096Q12NA03 <input type="radio"/>	ST096Q12NA04 <input type="radio"/>	ST096Q12NA05 <input type="radio"/>
Art	ST096Q13NA01 <input type="radio"/>	ST096Q13NA02 <input type="radio"/>	ST096Q13NA03 <input type="radio"/>	ST096Q13NA04 <input type="radio"/>	ST096Q13NA05 <input type="radio"/>
History and Geography	ST096C16NA01 <input type="radio"/>	ST096C16NA02 <input type="radio"/>	ST096C16NA03 <input type="radio"/>	ST096C16NA04 <input type="radio"/>	ST096C16NA05 <input type="radio"/>
Business (e.g. Accounting, Business Studies, Economics)	ST096C17NA01 <input type="radio"/>	ST096C17NA02 <input type="radio"/>	ST096C17NA03 <input type="radio"/>	ST096C17NA04 <input type="radio"/>	ST096C17NA05 <input type="radio"/>
Technology & Design (e.g. Construction Studies, Design and Communication Graphics, Materials Technology - Woodwork, Technical Graphics)	ST096C18NA01 <input type="radio"/>	ST096C18NA02 <input type="radio"/>	ST096C18NA03 <input type="radio"/>	ST096C18NA04 <input type="radio"/>	ST096C18NA05 <input type="radio"/>

Section C: Learning Science In School

Which of the following science subjects did do this year or last year?

(Please select all that apply in each row.)

	<i>This year</i>	<i>Last year</i>
Junior Cert. Science	ST063Q06NA01 <input type="checkbox"/>	ST063Q06NB02 <input type="checkbox"/>
Leaving Cert. Physics	ST063Q01NA01 <input type="checkbox"/>	ST063Q01NB02 <input type="checkbox"/>
Leaving Cert. Chemistry	ST063Q02NA01 <input type="checkbox"/>	ST063Q02NB02 <input type="checkbox"/>
Leaving Cert. Physics/Chemistry combined	ST063C07NA01 <input type="checkbox"/>	ST063C07NB02 <input type="checkbox"/>
Leaving Cert. Biology	ST063Q03NA01 <input type="checkbox"/>	ST063Q03NB02 <input type="checkbox"/>
Leaving Cert. Agricultural science	ST063Q05NA01 <input type="checkbox"/>	ST063Q05NB02 <input type="checkbox"/>

Branching rule

Rule: IF (^ST063Q01NA01 >0 OR ^ST063Q02NA01 >0 OR ^ST063Q03NA01 >0 OR ^ST063Q05NA01 >0 OR ^ST063Q06NA01 >0) THEN GOTO ^ST097 ELSE GOTO ^STInfo4

How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Every class</i>	<i>Most classes</i>	<i>Some classes</i>	<i>Never or hardly ever</i>
Students don't listen to what the teacher says.	ST097Q01TA01 <input type="radio"/>	ST097Q01TA02 <input type="radio"/>	ST097Q01TA03 <input type="radio"/>	ST097Q01TA04 <input type="radio"/>
There is noise and disorder.	ST097Q02TA01 <input type="radio"/>	ST097Q02TA02 <input type="radio"/>	ST097Q02TA03 <input type="radio"/>	ST097Q02TA04 <input type="radio"/>
The teacher has to wait a long time for students to settle down.	ST097Q03TA01 <input type="radio"/>	ST097Q03TA02 <input type="radio"/>	ST097Q03TA03 <input type="radio"/>	ST097Q03TA04 <input type="radio"/>
Students cannot work well.	ST097Q04TA01 <input type="radio"/>	ST097Q04TA02 <input type="radio"/>	ST097Q04TA03 <input type="radio"/>	ST097Q04TA04 <input type="radio"/>
Students don't start working for a long time after the lesson begins.	ST097Q05TA01 <input type="radio"/>	ST097Q05TA02 <input type="radio"/>	ST097Q05TA03 <input type="radio"/>	ST097Q05TA04 <input type="radio"/>

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

(Please select one response in each row.)

	<i>In all classes</i>	<i>In most classes</i>	<i>In some classes</i>	<i>Never or hardly ever</i>
Students are given opportunities to explain their ideas.	ST098Q01TA01 <input type="radio"/>	ST098Q01TA02 <input type="radio"/>	ST098Q01TA03 <input type="radio"/>	ST098Q01TA04 <input type="radio"/>
Students spend time in the laboratory doing practical experiments.	ST098Q02TA01 <input type="radio"/>	ST098Q02TA02 <input type="radio"/>	ST098Q02TA03 <input type="radio"/>	ST098Q02TA04 <input type="radio"/>
Students are required to discuss and debate science questions.	ST098Q03NA01 <input type="radio"/>	ST098Q03NA02 <input type="radio"/>	ST098Q03NA03 <input type="radio"/>	ST098Q03NA04 <input type="radio"/>
The conclusions of experiments take students' arguments and points of view into account.	ST098Q04NA01 <input type="radio"/>	ST098Q04NA02 <input type="radio"/>	ST098Q04NA03 <input type="radio"/>	ST098Q04NA04 <input type="radio"/>
Students are asked to draw conclusions from an experiment they have conducted.	ST098Q05TA01 <input type="radio"/>	ST098Q05TA02 <input type="radio"/>	ST098Q05TA03 <input type="radio"/>	ST098Q05TA04 <input type="radio"/>
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).	ST098Q06TA01 <input type="radio"/>	ST098Q06TA02 <input type="radio"/>	ST098Q06TA03 <input type="radio"/>	ST098Q06TA04 <input type="radio"/>
Students are allowed to design their own experiments.	ST098Q07TA01 <input type="radio"/>	ST098Q07TA02 <input type="radio"/>	ST098Q07TA03 <input type="radio"/>	ST098Q07TA04 <input type="radio"/>
There is a class debate about investigations.	ST098Q08NA01 <input type="radio"/>	ST098Q08NA02 <input type="radio"/>	ST098Q08NA03 <input type="radio"/>	ST098Q08NA04 <input type="radio"/>
The teacher clearly explains the relevance of science concepts to our lives.	ST098Q09TA01 <input type="radio"/>	ST098Q09TA02 <input type="radio"/>	ST098Q09TA03 <input type="radio"/>	ST098Q09TA04 <input type="radio"/>

Students are asked to do an investigation to test ideas.	ST098Q10NA01 <input type="radio"/>	ST098Q10NA02 <input type="radio"/>	ST098Q10NA03 <input type="radio"/>	ST098Q10NA04 <input type="radio"/>
Students have the opportunity to repeat experiments and compare observations.	ST098Q11NA01 <input type="radio"/>	ST098Q11NA02 <input type="radio"/>	ST098Q11NA03 <input type="radio"/>	ST098Q11NA04 <input type="radio"/>
Students are encouraged to question and critique scientific arguments made by other students.	ST098Q12NA01 <input type="radio"/>	ST098Q12NA02 <input type="radio"/>	ST098Q12NA03 <input type="radio"/>	ST098Q12NA04 <input type="radio"/>
Students are required to engage in discussions among themselves.	ST098Q13NA01 <input type="radio"/>	ST098Q13NA02 <input type="radio"/>	ST098Q13NA03 <input type="radio"/>	ST098Q13NA04 <input type="radio"/>

Within the last month at school, has a computer or a similar device (e.g. a tablet) ever been used for the following purposes in your science classes?

(Please select one response in each row.)

	<i>Yes, students did this</i>	<i>Yes, but only the teacher demonstrated this</i>	<i>No</i>
Searching the Internet about science topics.	ST099Q01NA01 <input type="radio"/>	ST099Q01NA02 <input type="radio"/>	ST099Q01NA03 <input type="radio"/>
Analysing data from (real or simulated) science experiments using a spreadsheet program (e.g. Microsoft Office Excel).	ST099Q02NA01 <input type="radio"/>	ST099Q02NA02 <input type="radio"/>	ST099Q02NA03 <input type="radio"/>
Presenting results from (real or simulated) science experiments, using presentation software (e.g. Microsoft Office PowerPoint).	ST099Q03NA01 <input type="radio"/>	ST099Q03NA02 <input type="radio"/>	ST099Q03NA03 <input type="radio"/>
Studying science topics through multi-media content (e.g. simulations of natural phenomena).	ST099Q04NA01 <input type="radio"/>	ST099Q04NA02 <input type="radio"/>	ST099Q04NA03 <input type="radio"/>
Studying science topics through educational games (e.g. science experiment games).	ST099Q05NA01 <input type="radio"/>	ST099Q05NA02 <input type="radio"/>	ST099Q05NA03 <input type="radio"/>
Learning about science topics by watching science videos.	ST099Q06NA01 <input type="radio"/>	ST099Q06NA02 <input type="radio"/>	ST099Q06NA03 <input type="radio"/>
Planning and running simulated laboratory experiments.	ST099Q07NA01 <input type="radio"/>	ST099Q07NA02 <input type="radio"/>	ST099Q07NA03 <input type="radio"/>



What is the name of this science subject?

When answering the following questions, please keep one of your current science subjects in mind all the time. You are free to choose which subject this should be.

What is the name of this science subject?
(Please type the name of the subject.)

ST065Q01NA01

Branching rule

Rule: IF (^ST003Q02TA01 = 01 OR ^ST003Q02TA01 = 03 OR ^ST003Q02TA01 = 05 OR ^ST003Q02TA01 = 07 OR ^ST003Q02TA01 = 09 OR ^ST003Q02TA01 = 11 OR ^ST003Q02TA01 = null) THEN GOTO ^ST100 ELSE GOTO ^ST101

How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Every class</i>	<i>Most classes</i>	<i>Some classes</i>	<i>Never or hardly ever</i>
The teacher shows an interest in every student's learning.	ST100Q01TA01 <input type="radio"/>	ST100Q01TA02 <input type="radio"/>	ST100Q01TA03 <input type="radio"/>	ST100Q01TA04 <input type="radio"/>
The teacher gives extra help when students need it.	ST100Q02TA01 <input type="radio"/>	ST100Q02TA02 <input type="radio"/>	ST100Q02TA03 <input type="radio"/>	ST100Q02TA04 <input type="radio"/>
The teacher helps students with their learning.	ST100Q03TA01 <input type="radio"/>	ST100Q03TA02 <input type="radio"/>	ST100Q03TA03 <input type="radio"/>	ST100Q03TA04 <input type="radio"/>
The teacher continues teaching until the students understand.	ST100Q04TA01 <input type="radio"/>	ST100Q04TA02 <input type="radio"/>	ST100Q04TA03 <input type="radio"/>	ST100Q04TA04 <input type="radio"/>
The teacher gives students an opportunity to express opinions.	ST100Q05TA01 <input type="radio"/>	ST100Q05TA02 <input type="radio"/>	ST100Q05TA03 <input type="radio"/>	ST100Q05TA04 <input type="radio"/>

Branching rule

Rule: IF (^ST003Q02TA01 = 01 OR ^ST003Q02TA01 = 03 OR ^ST003Q02TA01 = 05 OR ^ST003Q02TA01 = 07 OR ^ST003Q02TA01 = 09 OR ^ST003Q02TA01 = 11 OR ^ST003Q02TA01 = null) THEN GOTO ^ST102 ELSE GOTO ^ST101

How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Never or hardly ever</i>	<i>Some classes</i>	<i>Most classes</i>	<i>Every class</i>
The teacher shows an interest in every student's learning.	ST101Q01TA01 <input type="radio"/>	ST101Q01TA02 <input type="radio"/>	ST101Q01TA03 <input type="radio"/>	ST101Q01TA04 <input type="radio"/>
The teacher gives extra help when students need it.	ST101Q02TA01 <input type="radio"/>	ST101Q02TA02 <input type="radio"/>	ST101Q02TA03 <input type="radio"/>	ST101Q02TA04 <input type="radio"/>
The teacher helps students with their learning.	ST101Q03TA01 <input type="radio"/>	ST101Q03TA02 <input type="radio"/>	ST101Q03TA03 <input type="radio"/>	ST101Q03TA04 <input type="radio"/>
The teacher continues teaching until the students understand.	ST101Q04TA01 <input type="radio"/>	ST101Q04TA02 <input type="radio"/>	ST101Q04TA03 <input type="radio"/>	ST101Q04TA04 <input type="radio"/>
The teacher gives students an opportunity to express opinions.	ST101Q05TA01 <input type="radio"/>	ST101Q05TA02 <input type="radio"/>	ST101Q05TA03 <input type="radio"/>	ST101Q05TA04 <input type="radio"/>

How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Every class</i>	<i>Most classes</i>	<i>Some classes</i>	<i>Never or hardly ever</i>
The teacher sets clear goals for our learning.	ST102Q01TA01 <input type="radio"/>	ST102Q01TA02 <input type="radio"/>	ST102Q01TA03 <input type="radio"/>	ST102Q01TA04 <input type="radio"/>
The teacher asks questions to check whether we have understood what was taught.	ST102Q02TA01 <input type="radio"/>	ST102Q02TA02 <input type="radio"/>	ST102Q02TA03 <input type="radio"/>	ST102Q02TA04 <input type="radio"/>
At the beginning of a class, the teacher presents a short summary of the previous class.	ST102Q03TA01 <input type="radio"/>	ST102Q03TA02 <input type="radio"/>	ST102Q03TA03 <input type="radio"/>	ST102Q03TA04 <input type="radio"/>
The teacher tells us what we have to learn.	ST102Q04TA01 <input type="radio"/>	ST102Q04TA02 <input type="radio"/>	ST102Q04TA03 <input type="radio"/>	ST102Q04TA04 <input type="radio"/>

How often do these things happen in your classes for this science subject?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher explains scientific ideas.	ST103Q01NA01 <input type="radio"/>	ST103Q01NA02 <input type="radio"/>	ST103Q01NA03 <input type="radio"/>	ST103Q01NA04 <input type="radio"/>
A small group discussion between students takes place.	ST103Q02NA01 <input type="radio"/>	ST103Q02NA02 <input type="radio"/>	ST103Q02NA03 <input type="radio"/>	ST103Q02NA04 <input type="radio"/>
A whole class discussion takes place with the teacher.	ST103Q03NA01 <input type="radio"/>	ST103Q03NA02 <input type="radio"/>	ST103Q03NA03 <input type="radio"/>	ST103Q03NA04 <input type="radio"/>
Current scientific issues are discussed.	ST103Q04NA01 <input type="radio"/>	ST103Q04NA02 <input type="radio"/>	ST103Q04NA03 <input type="radio"/>	ST103Q04NA04 <input type="radio"/>
Students make calculations using scientific formulas.	ST103Q05NA01 <input type="radio"/>	ST103Q05NA02 <input type="radio"/>	ST103Q05NA03 <input type="radio"/>	ST103Q05NA04 <input type="radio"/>
The teacher uses an interactive whiteboard.	ST103Q06NA01 <input type="radio"/>	ST103Q06NA02 <input type="radio"/>	ST103Q06NA03 <input type="radio"/>	ST103Q06NA04 <input type="radio"/>
Students do their own scientific study and related research.	ST103Q07NA01 <input type="radio"/>	ST103Q07NA02 <input type="radio"/>	ST103Q07NA03 <input type="radio"/>	ST103Q07NA04 <input type="radio"/>
The teacher discusses our questions.	ST103Q08NA01 <input type="radio"/>	ST103Q08NA02 <input type="radio"/>	ST103Q08NA03 <input type="radio"/>	ST103Q08NA04 <input type="radio"/>
Students carry out practical work.	ST103Q09NA01 <input type="radio"/>	ST103Q09NA02 <input type="radio"/>	ST103Q09NA03 <input type="radio"/>	ST103Q09NA04 <input type="radio"/>

Students write up laboratory reports.	ST103Q10NA01 <input type="radio"/>	ST103Q10NA02 <input type="radio"/>	ST103Q10NA03 <input type="radio"/>	ST103Q10NA04 <input type="radio"/>
The teacher demonstrates an idea.	ST103Q11NA01 <input type="radio"/>	ST103Q11NA02 <input type="radio"/>	ST103Q11NA03 <input type="radio"/>	ST103Q11NA04 <input type="radio"/>
The teacher discusses questions that have relevance to real life.	ST103Q12NA01 <input type="radio"/>	ST103Q12NA02 <input type="radio"/>	ST103Q12NA03 <input type="radio"/>	ST103Q12NA04 <input type="radio"/>
Students read materials from a textbook.	ST103Q13NA01 <input type="radio"/>	ST103Q13NA02 <input type="radio"/>	ST103Q13NA03 <input type="radio"/>	ST103Q13NA04 <input type="radio"/>
Students take notes from the board.	ST103Q14NA01 <input type="radio"/>	ST103Q14NA02 <input type="radio"/>	ST103Q14NA03 <input type="radio"/>	ST103Q14NA04 <input type="radio"/>
Students discuss materials from a textbook.	ST103Q15NA01 <input type="radio"/>	ST103Q15NA02 <input type="radio"/>	ST103Q15NA03 <input type="radio"/>	ST103Q15NA04 <input type="radio"/>
Students watch videos.	ST103Q16NA01 <input type="radio"/>	ST103Q16NA02 <input type="radio"/>	ST103Q16NA03 <input type="radio"/>	ST103Q16NA04 <input type="radio"/>
Students use the Internet.	ST103Q17NA01 <input type="radio"/>	ST103Q17NA02 <input type="radio"/>	ST103Q17NA03 <input type="radio"/>	ST103Q17NA04 <input type="radio"/>
The class corrects homework or a test.	ST103Q18NA01 <input type="radio"/>	ST103Q18NA02 <input type="radio"/>	ST103Q18NA03 <input type="radio"/>	ST103Q18NA04 <input type="radio"/>
Students fill out worksheets.	ST103Q19NA01 <input type="radio"/>	ST103Q19NA02 <input type="radio"/>	ST103Q19NA03 <input type="radio"/>	ST103Q19NA04 <input type="radio"/>
Students present something to the rest of the class.	ST103Q20NA01 <input type="radio"/>	ST103Q20NA02 <input type="radio"/>	ST103Q20NA03 <input type="radio"/>	ST103Q20NA04 <input type="radio"/>

How often do these things happen in your classes for this science subject?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher tells me how I am performing in this course.	ST104Q01NA01 <input type="radio"/>	ST104Q01NA02 <input type="radio"/>	ST104Q01NA03 <input type="radio"/>	ST104Q01NA04 <input type="radio"/>
The teacher gives me feedback on my strengths in this science subject.	ST104Q02NA01 <input type="radio"/>	ST104Q02NA02 <input type="radio"/>	ST104Q02NA03 <input type="radio"/>	ST104Q02NA04 <input type="radio"/>
The teacher tells me in which areas I can still improve.	ST104Q03NA01 <input type="radio"/>	ST104Q03NA02 <input type="radio"/>	ST104Q03NA03 <input type="radio"/>	ST104Q03NA04 <input type="radio"/>
The teacher tells me how I can improve my performance.	ST104Q04NA01 <input type="radio"/>	ST104Q04NA02 <input type="radio"/>	ST104Q04NA03 <input type="radio"/>	ST104Q04NA04 <input type="radio"/>
The teacher advises me on how to reach my learning goals.	ST104Q05NA01 <input type="radio"/>	ST104Q05NA02 <input type="radio"/>	ST104Q05NA03 <input type="radio"/>	ST104Q05NA04 <input type="radio"/>

How often do these things happen in your classes for this science subject?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher compares my performance to what we have been studying in class.	ST105Q01NA01 <input type="radio"/>	ST105Q01NA02 <input type="radio"/>	ST105Q01NA03 <input type="radio"/>	ST105Q01NA04 <input type="radio"/>
The teacher lets me know whether I have correctly completed more or fewer tasks than my classmates.	ST105Q02NA01 <input type="radio"/>	ST105Q02NA02 <input type="radio"/>	ST105Q02NA03 <input type="radio"/>	ST105Q02NA04 <input type="radio"/>
The teacher compares my performance with my previous achievement.	ST105Q03NA01 <input type="radio"/>	ST105Q03NA02 <input type="radio"/>	ST105Q03NA03 <input type="radio"/>	ST105Q03NA04 <input type="radio"/>
The teacher compares my performance with what students in my year should be able to achieve.	ST105Q04NA01 <input type="radio"/>	ST105Q04NA02 <input type="radio"/>	ST105Q04NA03 <input type="radio"/>	ST105Q04NA04 <input type="radio"/>
The teacher tells me if my performance is better or worse than the achievement of the rest of my class.	ST105Q05NA01 <input type="radio"/>	ST105Q05NA02 <input type="radio"/>	ST105Q05NA03 <input type="radio"/>	ST105Q05NA04 <input type="radio"/>
The teacher tells me if my work has improved or gotten worse compared to my previous achievements.	ST105Q06NA01 <input type="radio"/>	ST105Q06NA02 <input type="radio"/>	ST105Q06NA03 <input type="radio"/>	ST105Q06NA04 <input type="radio"/>
The teacher lets me know whether I have correctly completed all tasks that I am supposed to get done.	ST105Q07NA01 <input type="radio"/>	ST105Q07NA02 <input type="radio"/>	ST105Q07NA03 <input type="radio"/>	ST105Q07NA04 <input type="radio"/>
The teacher compares my performance with the achievement of the rest of my class.	ST105Q08NA01 <input type="radio"/>	ST105Q08NA02 <input type="radio"/>	ST105Q08NA03 <input type="radio"/>	ST105Q08NA04 <input type="radio"/>
The teacher lets me know whether I have correctly completed more	ST105Q09NA01	ST105Q09NA02	ST105Q09NA03	ST105Q09NA04

or fewer tasks in a recent test compared to previous tests.



How do you respond to the teacher's feedback for this science subject?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Sometimes</i>	<i>Often</i>	<i>Always or almost always</i>
I put more effort into my work.	ST106Q01NA01 <input type="radio"/>	ST106Q01NA02 <input type="radio"/>	ST106Q01NA03 <input type="radio"/>	ST106Q01NA04 <input type="radio"/>
I change how I learn things.	ST106Q02NA01 <input type="radio"/>	ST106Q02NA02 <input type="radio"/>	ST106Q02NA03 <input type="radio"/>	ST106Q02NA04 <input type="radio"/>
I focus on my weaknesses.	ST106Q03NA01 <input type="radio"/>	ST106Q03NA02 <input type="radio"/>	ST106Q03NA03 <input type="radio"/>	ST106Q03NA04 <input type="radio"/>
I practise specific kinds of tasks that I would like to improve on.	ST106Q04NA01 <input type="radio"/>	ST106Q04NA02 <input type="radio"/>	ST106Q04NA03 <input type="radio"/>	ST106Q04NA04 <input type="radio"/>
I prepare better for lessons.	ST106Q05NA01 <input type="radio"/>	ST106Q05NA02 <input type="radio"/>	ST106Q05NA03 <input type="radio"/>	ST106Q05NA04 <input type="radio"/>
I focus on preparing for written tests.	ST106Q06NA01 <input type="radio"/>	ST106Q06NA02 <input type="radio"/>	ST106Q06NA03 <input type="radio"/>	ST106Q06NA04 <input type="radio"/>

How often do these things happen in your classes for this science subject?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher adapts the lesson to suit the needs and level of knowledge of the students in my class.	ST107Q01NA01 <input type="radio"/>	ST107Q01NA02 <input type="radio"/>	ST107Q01NA03 <input type="radio"/>	ST107Q01NA04 <input type="radio"/>
The teacher provides individual help when a student has difficulties understanding something.	ST107Q02NA01 <input type="radio"/>	ST107Q02NA02 <input type="radio"/>	ST107Q02NA03 <input type="radio"/>	ST107Q02NA04 <input type="radio"/>
The teacher changes the structure of the lesson on a topic that most students find difficult to understand.	ST107Q03NA01 <input type="radio"/>	ST107Q03NA02 <input type="radio"/>	ST107Q03NA03 <input type="radio"/>	ST107Q03NA04 <input type="radio"/>
The teacher provides individual support for advanced students.	ST107Q04NA01 <input type="radio"/>	ST107Q04NA02 <input type="radio"/>	ST107Q04NA03 <input type="radio"/>	ST107Q04NA04 <input type="radio"/>

Thinking of your last two classes in this science subject: how much do you disagree or agree with the following statements?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
The teacher made me feel confident in my ability to do well in the subject.	ST108Q01NA01 <input type="radio"/>	ST108Q01NA02 <input type="radio"/>	ST108Q01NA03 <input type="radio"/>	ST108Q01NA04 <input type="radio"/>
The teacher listened to my view on how to do things.	ST108Q02NA01 <input type="radio"/>	ST108Q02NA02 <input type="radio"/>	ST108Q02NA03 <input type="radio"/>	ST108Q02NA04 <input type="radio"/>
I felt that my teacher understood me.	ST108Q03NA01 <input type="radio"/>	ST108Q03NA02 <input type="radio"/>	ST108Q03NA03 <input type="radio"/>	ST108Q03NA04 <input type="radio"/>
I felt confident in my ability to learn the material.	ST108Q04NA01 <input type="radio"/>	ST108Q04NA02 <input type="radio"/>	ST108Q04NA03 <input type="radio"/>	ST108Q04NA04 <input type="radio"/>

Thinking of your last two classes in this science subject: how much do you disagree or agree with the following statements?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
The teacher provided me with alternatives (e.g. learning materials or tasks).	ST109Q01NA01 <input type="radio"/>	ST109Q01NA02 <input type="radio"/>	ST109Q01NA03 <input type="radio"/>	ST109Q01NA04 <input type="radio"/>
The teacher encouraged us to find the best way to work ahead by ourselves.	ST109Q02NA01 <input type="radio"/>	ST109Q02NA02 <input type="radio"/>	ST109Q02NA03 <input type="radio"/>	ST109Q02NA04 <input type="radio"/>
The teacher let me work on my own.	ST109Q03NA01 <input type="radio"/>	ST109Q03NA02 <input type="radio"/>	ST109Q03NA03 <input type="radio"/>	ST109Q03NA04 <input type="radio"/>
The teacher appreciated when different solutions came up for discussion.	ST109Q04NA01 <input type="radio"/>	ST109Q04NA02 <input type="radio"/>	ST109Q04NA03 <input type="radio"/>	ST109Q04NA04 <input type="radio"/>

Thinking of your last two classes in this science subject: how much do you disagree or agree with the following statements?

(Remember to answer this question in reference to the science subject you indicated earlier.)

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I had the feeling that the teacher was interested in the topics.	ST110Q01NA01 <input type="radio"/>	ST110Q01NA02 <input type="radio"/>	ST110Q01NA03 <input type="radio"/>	ST110Q01NA04 <input type="radio"/>
The teacher was totally involved in the topics.	ST110Q02NA01 <input type="radio"/>	ST110Q02NA02 <input type="radio"/>	ST110Q02NA03 <input type="radio"/>	ST110Q02NA04 <input type="radio"/>
It was clear to me that the teacher liked teaching us.	ST110Q03NA01 <input type="radio"/>	ST110Q03NA02 <input type="radio"/>	ST110Q03NA03 <input type="radio"/>	ST110Q03NA04 <input type="radio"/>
I could see that the teacher enjoyed giving us the classes.	ST110Q04NA01 <input type="radio"/>	ST110Q04NA02 <input type="radio"/>	ST110Q04NA03 <input type="radio"/>	ST110Q04NA04 <input type="radio"/>
The enthusiasm of the teacher inspired me.	ST110Q05NA01 <input type="radio"/>	ST110Q05NA02 <input type="radio"/>	ST110Q05NA03 <input type="radio"/>	ST110Q05NA04 <input type="radio"/>
The teacher said that the topics are important to him/her.	ST110Q06NA01 <input type="radio"/>	ST110Q06NA02 <input type="radio"/>	ST110Q06NA03 <input type="radio"/>	ST110Q06NA04 <input type="radio"/>
It was clear that the teacher likes to deal with the topics covered in the classes.	ST110Q07NA01 <input type="radio"/>	ST110Q07NA02 <input type="radio"/>	ST110Q07NA03 <input type="radio"/>	ST110Q07NA04 <input type="radio"/>
The teacher enjoyed teaching.	ST110Q08NA01 <input type="radio"/>	ST110Q08NA02 <input type="radio"/>	ST110Q08NA03 <input type="radio"/>	ST110Q08NA04 <input type="radio"/>



Section D: Your Plans For Further Education

Which one of the following do you expect to complete?

(Please select one response.)

Junior Cert. Schools Programme (JCSP)

ST111Q01TA07

Junior Cert.

ST111Q01TA01

Leaving Cert. Applied

ST111Q01TA02

Leaving Cert. Vocational

ST111Q01TA08

Leaving Cert. Established

ST111Q01TA03

A FÁS course, apprenticeship or PLC

ST111Q01TA04

A university certificate or diploma

ST111Q01TA05

A university degree

ST111Q01TA06



How much do you agree with the statement below?

(Please select one response.)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
I would like to study science after finishing school.	ST112Q01TA01 <input type="radio"/>	ST112Q01TA02 <input type="radio"/>	ST112Q01TA03 <input type="radio"/>	ST112Q01TA04 <input type="radio"/>

How much do you agree with the statements about science subjects below?

(Please select one response in each row.)

	<i>Strongly Agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
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.	ST113Q01TA01 <input type="radio"/>	ST113Q01TA02 <input type="radio"/>	ST113Q01TA03 <input type="radio"/>	ST113Q01TA04 <input type="radio"/>
What I learn in my science subject(s) is important for me because I need it for what I want to do later on.	ST113Q02TA01 <input type="radio"/>	ST113Q02TA02 <input type="radio"/>	ST113Q02TA03 <input type="radio"/>	ST113Q02TA04 <input type="radio"/>
Studying science subject(s) is worthwhile for me because what I learn will improve my career prospects.	ST113Q03TA01 <input type="radio"/>	ST113Q03TA02 <input type="radio"/>	ST113Q03TA03 <input type="radio"/>	ST113Q03TA04 <input type="radio"/>
Many things I learn in my science subject(s) will help me to get a job.	ST113Q04TA01 <input type="radio"/>	ST113Q04TA02 <input type="radio"/>	ST113Q04TA03 <input type="radio"/>	ST113Q04TA04 <input type="radio"/>

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

Please type in the job title.

ST114Q01TA01

How informed are you about these topics?

(Please select one response in each row.)

	<i>Very well informed</i>	<i>Fairly informed</i>	<i>Not well informed</i>	<i>Not informed at all</i>
Science-related careers that are available in the job market	ST115Q01TA01 <input type="radio"/>	ST115Q01TA02 <input type="radio"/>	ST115Q01TA03 <input type="radio"/>	ST115Q01TA04 <input type="radio"/>
Where to find information about science-related careers	ST115Q02TA01 <input type="radio"/>	ST115Q02TA02 <input type="radio"/>	ST115Q02TA03 <input type="radio"/>	ST115Q02TA04 <input type="radio"/>
The steps students need to take if they want a science-related career	ST115Q03TA01 <input type="radio"/>	ST115Q03TA02 <input type="radio"/>	ST115Q03TA03 <input type="radio"/>	ST115Q03TA04 <input type="radio"/>
Employers or companies that hire people to work in science-related careers	ST115Q04TA01 <input type="radio"/>	ST115Q04TA02 <input type="radio"/>	ST115Q04TA03 <input type="radio"/>	ST115Q04TA04 <input type="radio"/>

Section E: Study of Science Subjects for the Leaving Cert.

Do you, or do you plan to, study any science subjects for the Leaving Cert.?

(By Leaving Cert. science, we mean Physics, Biology, Chemistry, Physics/Chemistry combined and Agricultural Science. Not all schools offer all of these subjects.)

Yes

ST809A01NA01

No

ST809A01NA02

Branching rule

Rule: IF ^ST809A01NA02 =1 THEN GOTO ^STInfo6 ELSE GOTO ^ST810

How important are/were each of the following for you in deciding to study Leaving Cert. science subjects?

By Leaving Cert. science, we mean Physics, Biology, Chemistry, Physics/Chemistry combined, and Agricultural Science. Not all schools offer all of these subjects.

(Please select one response in each row.)

	<i>Not important</i>	<i>Somewhat important</i>	<i>Quite important</i>	<i>Very important</i>
Availability of the science subjects I want to study	ST810A01NA01 <input type="radio"/>	ST810A01NA02 <input type="radio"/>	ST810A01NA03 <input type="radio"/>	ST810A01NA04 <input type="radio"/>
My grade on the Junior Cert. science exam	ST810A02NA01 <input type="radio"/>	ST810A02NA02 <input type="radio"/>	ST810A02NA03 <input type="radio"/>	ST810A02NA04 <input type="radio"/>
My interest in Leaving Cert. science subjects	ST810A03NA01 <input type="radio"/>	ST810A03NA02 <input type="radio"/>	ST810A03NA03 <input type="radio"/>	ST810A03NA04 <input type="radio"/>
How easy or hard the Leaving Cert. science subjects are	ST810A04NA01 <input type="radio"/>	ST810A04NA02 <input type="radio"/>	ST810A04NA03 <input type="radio"/>	ST810A04NA04 <input type="radio"/>
The third-level course I want to study	ST810A05NA01 <input type="radio"/>	ST810A05NA02 <input type="radio"/>	ST810A05NA03 <input type="radio"/>	ST810A05NA04 <input type="radio"/>
The career(s) I am interested in	ST810A06NA01 <input type="radio"/>	ST810A06NA02 <input type="radio"/>	ST810A06NA03 <input type="radio"/>	ST810A06NA04 <input type="radio"/>
Which teachers teach science subjects for the Leaving Cert.	ST810A07NA01 <input type="radio"/>	ST810A07NA02 <input type="radio"/>	ST810A07NA03 <input type="radio"/>	ST810A07NA04 <input type="radio"/>
The subjects that my friends are taking for the Leaving Cert.	ST810A08NA01 <input type="radio"/>	ST810A08NA02 <input type="radio"/>	ST810A08NA03 <input type="radio"/>	ST810A08NA04 <input type="radio"/>
How students did on Leaving Cert. science subjects in my school in previous years	ST810A09NA01 <input type="radio"/>	ST810A09NA02 <input type="radio"/>	ST810A09NA03 <input type="radio"/>	ST810A09NA04 <input type="radio"/>

Advice from teachers in my school

ST810A10NA01 ST810A10NA02 ST810A10NA03 ST810A10NA04

Advice from my parents

ST810A11NA01 ST810A11NA02 ST810A11NA03 ST810A11NA04

Advice from my friends, brothers or sisters

ST810A12NA01 ST810A12NA02 ST810A12NA03 ST810A12NA04

Advice from guidance counsellor in school

ST810A13NA01 ST810A13NA02 ST810A13NA03 ST810A13NA04

Advice from guidance counsellor outside school

ST810A14NA01 ST810A14NA02 ST810A14NA03 ST810A14NA04

Section F: STEM Courses and Careers

In planning for what you want to do after leaving school, where do you get information about STEM (Science, Technology, Engineering and Mathematics) courses and jobs?

(There are a lot of different STEM courses and jobs. Careers like engineer, weather forecaster, optician, nurse, doctor, and computer programmer are all STEM-related.)

(Skip this question if you don't have an interest in STEM-related courses and jobs.)

(Please select one box in each row.)

	<i>Yes, and I found it useful</i>	<i>Yes, but I didn't find it useful</i>	<i>No</i>
Science teachers in my school	ST811A01NA01 <input type="radio"/>	ST811A01NA02 <input type="radio"/>	ST811A01NA03 <input type="radio"/>
Other teachers in my school	ST811A02NA01 <input type="radio"/>	ST811A02NA02 <input type="radio"/>	ST811A02NA03 <input type="radio"/>
The guidance counsellor <u>in my school</u>	ST811A03NA01 <input type="radio"/>	ST811A03NA02 <input type="radio"/>	ST811A03NA03 <input type="radio"/>
A guidance counsellor <u>outside of my school</u>	ST811A04NA01 <input type="radio"/>	ST811A04NA02 <input type="radio"/>	ST811A04NA03 <input type="radio"/>
The careers info noticeboard or careers info leaflets in my school	ST811A05NA01 <input type="radio"/>	ST811A05NA02 <input type="radio"/>	ST811A05NA03 <input type="radio"/>
The Internet in school	ST811A06NA01 <input type="radio"/>	ST811A06NA02 <input type="radio"/>	ST811A06NA03 <input type="radio"/>
The Internet at home	ST811A07NA01 <input type="radio"/>	ST811A07NA02 <input type="radio"/>	ST811A07NA03 <input type="radio"/>
Open days in colleges or universities	ST811A08NA01 <input type="radio"/>	ST811A08NA02 <input type="radio"/>	ST811A08NA03 <input type="radio"/>

Events like *Higher Options* (in the RDS), *Young Scientist and Technology Exhibition* (also in the RDS) or *SciFest*

ST811A09NA01

ST811A09NA02

ST811A09NA03

People visiting my school to talk about science-related courses and jobs

ST811A10NA01

ST811A10NA02

ST811A10NA03

My friends

ST811A11NA01

ST811A11NA02

ST811A11NA03

My parents

ST811A12NA01

ST811A12NA02

ST811A12NA03

My brothers or sisters

ST811A13NA01

ST811A13NA02

ST811A13NA03

Thank you very much for your co-operation in completing this questionnaire! Your participation is greatly appreciated.