

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

- *Yourself, your family, and your home*
- *Your learning in school*
- *Your friends and family*
- *Your previous education*
- *Your view on science*
- *Using technical devices*

*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 may 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 teach content related to natural science. Your school might teach school science in different subjects such as physics, chemistry, biology, Earth and geology, space and astronomy, applied sciences and technology (e.g. engineering drawing or electrotechnics class), or your school teaches a general, integrated, or comprehensive science course (e.g. general science).*

*Please note that the forward button used to proceed to the next question is located at the bottom right hand corner of your screen. In some instances you may need to scroll down to the bottom of your screen to access this 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.***

**Section A: You, Your Family, and Your Home**

## What grade are you in?

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

Grade

ST001Q01TA01

Select...



- Grade ( ST001Q01TA01 )
  - Select...
  - Grade 7 (Form 1)
  - Grade 8 (Form 2)
  - Grade 9 (Form 3)
  - Grade 10 (Form 4)
  - Grade 11 (Form 5)
  - Grade 12 (Form 6)

**Which one of the following programmes are you in?**

*(Please select one response.)*

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Grammar or International Programme at Lower Secondary Levels

ST002Q01TA01

Grammar or International Programme at Higher Secondary Levels

ST002Q01TA02

Technical or Prevocational Programme at Higher Secondary Levels

ST002Q01TA03

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**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

Month

ST003Q02TA01

Select...



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

Year

ST003Q03TA01

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.)*

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Higher secondary school (Grammar or International programme)

ST005Q01TA01

Higher secondary school (Technical or Prevocational programme)

ST005Q01TA02

Lower secondary school

ST005Q01TA03

Primary school

ST005Q01TA04

She did not complete primary school

ST005Q01TA05

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**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
Master's degree or above	ST006Q01TA01 <input type="radio"/>	ST006Q01TA02 <input type="radio"/>
Bachelor's degree	ST006Q02TA01 <input type="radio"/>	ST006Q02TA02 <input type="radio"/>
Diploma from technical college or Bacharelato	ST006Q03TA01 <input type="radio"/>	ST006Q03TA02 <input type="radio"/>
Professional certificate	ST006Q04TA01 <input type="radio"/>	ST006Q04TA02 <input type="radio"/>

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

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

*(Please select one response.)*

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Higher secondary school (Grammar or International programme)

ST007Q01TA01

Higher secondary school (Technical or Prevocational programme)

ST007Q01TA02

Lower secondary school

ST007Q01TA03

Primary school

ST007Q01TA04

He did not complete primary school

ST007Q01TA05

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**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.)*

	<i>Yes</i>	<i>No</i>
Master's degree or above	ST008Q01TA01 <input type="radio"/>	ST008Q01TA02 <input type="radio"/>
Bachelor's degree	ST008Q02TA01 <input type="radio"/>	ST008Q02TA02 <input type="radio"/>
Diploma from technical college or Bacharelato	ST008Q03TA01 <input type="radio"/>	ST008Q03TA02 <input type="radio"/>
Professional certificate	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 (e.g. home duties, 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 (e.g. home duties, 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. Shakespeare, The Dream of Red Chamber)	ST011Q07TA01 <input type="radio"/>	ST011Q07TA02 <input type="radio"/>
Books of poetry	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"/>

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Technical reference books

ST011Q11TA01



ST011Q11TA02



A dictionary

ST011Q12TA01



ST011Q12TA02



A DVD player

ST011Q13TA01



ST011Q13TA02



Flat screen TV/Plasma TV/LCD TV

ST011Q14NA01



ST011Q14NA02



Cable TV/Pay TV/Satellite TV

ST011Q15NA01



ST011Q15NA02



Books on art, music, or design

ST011Q16NA01



ST011Q16NA02



A piano or violin

ST011Q17TA01



ST011Q17TA02



A digital camera

ST011Q18TA01



ST011Q18TA02



An iPad

ST011Q19TA01



ST011Q19TA02

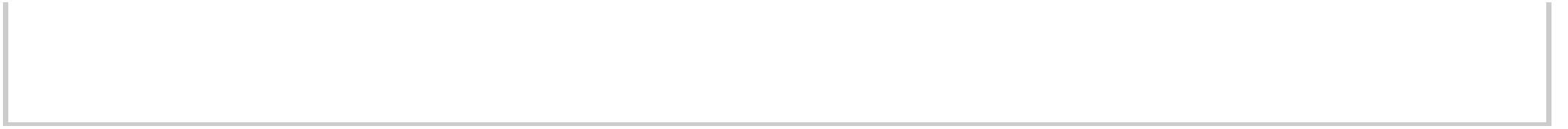




**How many of these are there at your home?**

*(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"/>
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 (e.g. smartphones)	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

## **Section B: Your Learning In School**

## 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 ^ST116 ELSE GOTO ^ST117

Please read the descriptions about the following three students. Based on the information provided here, how much would you disagree or agree with the statement that this student is anxious about taking a test?

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
Cindy often worries that she will get poor grades and feels anxious before a test even if she is well-prepared. <b>Cindy is anxious about taking tests.</b>	ST116Q01NA01 <input type="radio"/>	ST116Q01NA02 <input type="radio"/>	ST116Q01NA03 <input type="radio"/>	ST116Q01NA04 <input type="radio"/>
Judy usually does not worry about getting poor grades but sometimes gets nervous when confronted with a difficult test. <b>Judy is anxious about taking tests.</b>	ST116Q02NA01 <input type="radio"/>	ST116Q02NA02 <input type="radio"/>	ST116Q02NA03 <input type="radio"/>	ST116Q02NA04 <input type="radio"/>
Jenny does not worry about getting poor grades and always stays calm when studying for a test. <b>Jenny is anxious about taking tests.</b>	ST116Q03NA01 <input type="radio"/>	ST116Q03NA02 <input type="radio"/>	ST116Q03NA03 <input type="radio"/>	ST116Q03NA04 <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 ^ST118 ELSE GOTO ^ST117

Please read the descriptions about the following three students. Based on the information provided here, how much would you disagree or agree with the statement that this student is anxious about taking a test?

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
David often worries that he will get poor grades and feels anxious before a test even if he is well-prepared. <b>David is anxious about taking tests.</b>	ST117Q01NA01 <input type="radio"/>	ST117Q01NA02 <input type="radio"/>	ST117Q01NA03 <input type="radio"/>	ST117Q01NA04 <input type="radio"/>
Peter usually does not worry about getting poor grades but sometimes gets nervous when confronted with a difficult test. <b>Peter is anxious about taking tests.</b>	ST117Q02NA01 <input type="radio"/>	ST117Q02NA02 <input type="radio"/>	ST117Q02NA03 <input type="radio"/>	ST117Q02NA04 <input type="radio"/>
Ted does not worry about getting poor grades and always stays calm when studying for a test. <b>Ted is anxious about taking tests.</b>	ST117Q03NA01 <input type="radio"/>	ST117Q03NA02 <input type="radio"/>	ST117Q03NA03 <input type="radio"/>	ST117Q03NA04 <input type="radio"/>



**To what extent do you disagree or agree with the following statements about yourself?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I often worry that it will be difficult for me taking a test.	ST118Q01NA01 <input type="radio"/>	ST118Q01NA02 <input type="radio"/>	ST118Q01NA03 <input type="radio"/>	ST118Q01NA04 <input type="radio"/>
I worry that I will get poor grades at school.	ST118Q02NA01 <input type="radio"/>	ST118Q02NA02 <input type="radio"/>	ST118Q02NA03 <input type="radio"/>	ST118Q02NA04 <input type="radio"/>
Even if I am well-prepared for a test I feel very anxious.	ST118Q03NA01 <input type="radio"/>	ST118Q03NA02 <input type="radio"/>	ST118Q03NA03 <input type="radio"/>	ST118Q03NA04 <input type="radio"/>
I get very tense when I study for a test.	ST118Q04NA01 <input type="radio"/>	ST118Q04NA02 <input type="radio"/>	ST118Q04NA03 <input type="radio"/>	ST118Q04NA04 <input type="radio"/>
I get nervous when I don't know how to solve a task at school.	ST118Q05NA01 <input type="radio"/>	ST118Q05NA02 <input type="radio"/>	ST118Q05NA03 <input type="radio"/>	ST118Q05NA04 <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 ^ST119 ELSE GOTO ^ST121

**To what extent do you disagree or agree with the following statements about yourself?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I want top grades in most or all of my courses.	ST119Q01NA01 <input type="radio"/>	ST119Q01NA02 <input type="radio"/>	ST119Q01NA03 <input type="radio"/>	ST119Q01NA04 <input type="radio"/>
I want to be able to select from among the best opportunities available when I graduate.	ST119Q02NA01 <input type="radio"/>	ST119Q02NA02 <input type="radio"/>	ST119Q02NA03 <input type="radio"/>	ST119Q02NA04 <input type="radio"/>
I want to be the best, whatever I do.	ST119Q03NA01 <input type="radio"/>	ST119Q03NA02 <input type="radio"/>	ST119Q03NA03 <input type="radio"/>	ST119Q03NA04 <input type="radio"/>
I see myself as an ambitious person.	ST119Q04NA01 <input type="radio"/>	ST119Q04NA02 <input type="radio"/>	ST119Q04NA03 <input type="radio"/>	ST119Q04NA04 <input type="radio"/>
I want to be one of the best students in my class.	ST119Q05NA01 <input type="radio"/>	ST119Q05NA02 <input type="radio"/>	ST119Q05NA03 <input type="radio"/>	ST119Q05NA04 <input type="radio"/>

**Thinking about your school: to what extent do you agree or disagree with the following statements?**

*(Please select one response in each row.)*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
If I put in enough effort, I can succeed in school.	ST120Q01TA01 <input type="radio"/>	ST120Q01TA02 <input type="radio"/>	ST120Q01TA03 <input type="radio"/>	ST120Q01TA04 <input type="radio"/>
It is completely my choice whether or not I do well in school.	ST120Q02TA01 <input type="radio"/>	ST120Q02TA02 <input type="radio"/>	ST120Q02TA03 <input type="radio"/>	ST120Q02TA04 <input type="radio"/>
Family demands or other problems prevent me from putting a lot of time into my school work.	ST120Q03TA01 <input type="radio"/>	ST120Q03TA02 <input type="radio"/>	ST120Q03TA03 <input type="radio"/>	ST120Q03TA04 <input type="radio"/>
If I had different teachers, I would try harder at school.	ST120Q04TA01 <input type="radio"/>	ST120Q04TA02 <input type="radio"/>	ST120Q04TA03 <input type="radio"/>	ST120Q04TA04 <input type="radio"/>
I perform poorly at school whether or not I study for my exams.	ST120Q05TA01 <input type="radio"/>	ST120Q05TA02 <input type="radio"/>	ST120Q05TA03 <input type="radio"/>	ST120Q05TA04 <input type="radio"/>

## Branching rule

Rule: IF (^ST003Q02TA01 = 02 OR ^ST003Q02TA01 = 04 OR ^ST003Q02TA01 = 06 OR ^ST003Q02TA01 = 08 OR ^ST003Q02TA01 = 10 OR ^ST003Q02TA01 = 12) THEN GOTO ^STInfo3 ELSE GOTO ^ST121

Please read the descriptions about the following three students. Based on the information provided here, how much would you disagree or agree with the statement that this student is motivated?

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
Brendan gives up easily when confronted with a problem and is often not prepared for his classes. <b>Brendan is motivated.</b>	ST121Q01NA01 <input type="radio"/>	ST121Q01NA02 <input type="radio"/>	ST121Q01NA03 <input type="radio"/>	ST121Q01NA04 <input type="radio"/>
Maggie mostly remains interested in the tasks she starts and sometimes does more than what is expected from her. <b>Maggie is motivated.</b>	ST121Q02NA01 <input type="radio"/>	ST121Q02NA02 <input type="radio"/>	ST121Q02NA03 <input type="radio"/>	ST121Q02NA04 <input type="radio"/>
Raymond wants to get top grades at school and continues working on tasks until everything is perfect. <b>Raymond is motivated.</b>	ST121Q03NA01 <input type="radio"/>	ST121Q03NA02 <input type="radio"/>	ST121Q03NA03 <input type="radio"/>	ST121Q03NA04 <input type="radio"/>

## Branching rule

Rule: IF (^ST003Q02TA01 = 02 OR ^ST003Q02TA01 = 04 OR ^ST003Q02TA01 = 06 OR ^ST003Q02TA01 = 08 OR ^ST003Q02TA01 = 10 OR ^ST003Q02TA01 = 12) THEN GOTO ^ST119 ELSE GOTO ^STInfo3

## **Section C: Your Friends and Family**



**Thinking about people who are important to you and how they view natural science: to what extent do you disagree or agree with the following statements?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
Most of my friends do well in school science.	ST122Q01NA01 <input type="radio"/>	ST122Q01NA02 <input type="radio"/>	ST122Q01NA03 <input type="radio"/>	ST122Q01NA04 <input type="radio"/>
Most of my friends would like a science-related profession.	ST122Q02NA01 <input type="radio"/>	ST122Q02NA02 <input type="radio"/>	ST122Q02NA03 <input type="radio"/>	ST122Q02NA04 <input type="radio"/>
Most of my friends like natural science.	ST122Q03NA01 <input type="radio"/>	ST122Q03NA02 <input type="radio"/>	ST122Q03NA03 <input type="radio"/>	ST122Q03NA04 <input type="radio"/>
My parents are well informed about natural science.	ST122Q04NA01 <input type="radio"/>	ST122Q04NA02 <input type="radio"/>	ST122Q04NA03 <input type="radio"/>	ST122Q04NA04 <input type="radio"/>
My parents like natural science.	ST122Q05NA01 <input type="radio"/>	ST122Q05NA02 <input type="radio"/>	ST122Q05NA03 <input type="radio"/>	ST122Q05NA04 <input type="radio"/>
My parents believe it's important for me to work in a science-related job.	ST122Q06NA01 <input type="radio"/>	ST122Q06NA02 <input type="radio"/>	ST122Q06NA03 <input type="radio"/>	ST122Q06NA04 <input type="radio"/>
My parents believe that natural science is important for my career.	ST122Q07NA01 <input type="radio"/>	ST122Q07NA02 <input type="radio"/>	ST122Q07NA03 <input type="radio"/>	ST122Q07NA04 <input type="radio"/>

**Thinking about this academic year: to what extent do you agree or disagree with the following statements?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
My parents are interested in my school activities.	ST123Q01NA01 <input type="radio"/>	ST123Q01NA02 <input type="radio"/>	ST123Q01NA03 <input type="radio"/>	ST123Q01NA04 <input type="radio"/>
My parents support my educational efforts and achievements.	ST123Q02NA01 <input type="radio"/>	ST123Q02NA02 <input type="radio"/>	ST123Q02NA03 <input type="radio"/>	ST123Q02NA04 <input type="radio"/>
My parents support me when I am facing difficulties at school.	ST123Q03NA01 <input type="radio"/>	ST123Q03NA02 <input type="radio"/>	ST123Q03NA03 <input type="radio"/>	ST123Q03NA04 <input type="radio"/>
My parents encourage me to be confident.	ST123Q04NA01 <input type="radio"/>	ST123Q04NA02 <input type="radio"/>	ST123Q04NA03 <input type="radio"/>	ST123Q04NA04 <input type="radio"/>
My parents support school rules and school discipline.	ST123Q05NA01 <input type="radio"/>	ST123Q05NA02 <input type="radio"/>	ST123Q05NA03 <input type="radio"/>	ST123Q05NA04 <input type="radio"/>
My parents try to protect me from family problems that may interfere with my schooling.	ST123Q06NA01 <input type="radio"/>	ST123Q06NA02 <input type="radio"/>	ST123Q06NA03 <input type="radio"/>	ST123Q06NA04 <input type="radio"/>
My parents encourage me to learn new skills.	ST123Q07NA01 <input type="radio"/>	ST123Q07NA02 <input type="radio"/>	ST123Q07NA03 <input type="radio"/>	ST123Q07NA04 <input type="radio"/>
My parents provide me with support to complete school tasks.	ST123Q08NA01 <input type="radio"/>	ST123Q08NA02 <input type="radio"/>	ST123Q08NA03 <input type="radio"/>	ST123Q08NA04 <input type="radio"/>
My parents ask me questions to initiate a deeper understanding of what I'm studying.	ST123Q09NA01 <input type="radio"/>	ST123Q09NA02 <input type="radio"/>	ST123Q09NA03 <input type="radio"/>	ST123Q09NA04 <input type="radio"/>



**Section D: Your Previous Education**

## 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 ^ST124 ELSE GOTO ^ST125

**Did you attend kindergarten/pre-primary school?**

*(Please select one response.)*

- 
- |                             |                                       |
|-----------------------------|---------------------------------------|
| No                          | ST124Q01TA01<br><input type="radio"/> |
| Yes, for one year or less   | ST124Q01TA02<br><input type="radio"/> |
| Yes, for more than one year | ST124Q01TA03<br><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 ^ST126 ELSE GOTO ^ST125

## How old were you when you started kindergarten/pre-primary school?

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

Years

ST125Q01NA01

Select...



- Years ( ST125Q01NA01 )
  - Select...
  - 1 year or younger
  - 2 years
  - 3 years
  - 4 years
  - 5 years
  - 6 years or older
  - I did not attend kindergarten/pre-primary school
  - I do not remember



## How old were you when you started primary school?

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

Years

ST126Q01TA01

Select...



- Years ( ST126Q01TA01 )
  - Select...
  - 3 or younger
  - 4
  - 5
  - 6
  - 7
  - 8
  - 9 or older

## Have you ever repeated a grade?

(Please select one response in each row.)

	<i>No, never</i>	<i>Yes, once</i>	<i>Yes, twice or more</i>
At Primary School (Primary 1-6)	ST127Q01TA01 <input type="radio"/>	ST127Q01TA02 <input type="radio"/>	ST127Q01TA03 <input type="radio"/>
At Lower Secondary Levels (Forms 1-3)	ST127Q02TA01 <input type="radio"/>	ST127Q02TA02 <input type="radio"/>	ST127Q02TA03 <input type="radio"/>
At Higher Secondary Levels (Forms 4-6)	ST127Q03TA01 <input type="radio"/>	ST127Q03TA02 <input type="radio"/>	ST127Q03TA03 <input type="radio"/>

## Have you ever skipped a grade?

(Please select one response in each row.)

	<i>No, never</i>	<i>Yes, once</i>	<i>Yes, twice or more</i>
At Primary School (Primary 1-6)	ST128Q01NA01 <input type="radio"/>	ST128Q01NA02 <input type="radio"/>	ST128Q01NA03 <input type="radio"/>
At Lower Secondary Levels (Forms 1-3)	ST128Q02NA01 <input type="radio"/>	ST128Q02NA02 <input type="radio"/>	ST128Q02NA03 <input type="radio"/>
At Higher Secondary Levels (Forms 4-6)	ST128Q03NA01 <input type="radio"/>	ST128Q03NA02 <input type="radio"/>	ST128Q03NA03 <input type="radio"/>

## **Section E: Your View On Science**

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

(Please select one response 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>
Recognise the science question that underlies a newspaper report on a health issue.	ST129Q01TA01 <input type="radio"/>	ST129Q01TA02 <input type="radio"/>	ST129Q01TA03 <input type="radio"/>	ST129Q01TA04 <input type="radio"/>
Explain why earthquakes occur more frequently in some areas than in others.	ST129Q02TA01 <input type="radio"/>	ST129Q02TA02 <input type="radio"/>	ST129Q02TA03 <input type="radio"/>	ST129Q02TA04 <input type="radio"/>
Describe the role of antibiotics in the treatment of disease.	ST129Q03TA01 <input type="radio"/>	ST129Q03TA02 <input type="radio"/>	ST129Q03TA03 <input type="radio"/>	ST129Q03TA04 <input type="radio"/>
Identify the science question associated with the disposal of garbage.	ST129Q04TA01 <input type="radio"/>	ST129Q04TA02 <input type="radio"/>	ST129Q04TA03 <input type="radio"/>	ST129Q04TA04 <input type="radio"/>
Predict how changes to an environment will affect the survival of certain species.	ST129Q05TA01 <input type="radio"/>	ST129Q05TA02 <input type="radio"/>	ST129Q05TA03 <input type="radio"/>	ST129Q05TA04 <input type="radio"/>
Interpret the scientific information provided on the labelling of food items.	ST129Q06TA01 <input type="radio"/>	ST129Q06TA02 <input type="radio"/>	ST129Q06TA03 <input type="radio"/>	ST129Q06TA04 <input type="radio"/>
Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars.	ST129Q07TA01 <input type="radio"/>	ST129Q07TA02 <input type="radio"/>	ST129Q07TA03 <input type="radio"/>	ST129Q07TA04 <input type="radio"/>
Identify the better of two explanations for the formation of acid rain.	ST129Q08TA01 <input type="radio"/>	ST129Q08TA02 <input type="radio"/>	ST129Q08TA03 <input type="radio"/>	ST129Q08TA04 <input type="radio"/>



### How much do you agree with the statements below?

(Please select one response in each row.)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
Learning advanced school science topics would be easy for me.	ST130Q01TA01 <input type="radio"/>	ST130Q01TA02 <input type="radio"/>	ST130Q01TA03 <input type="radio"/>	ST130Q01TA04 <input type="radio"/>
I can usually give good answers to test questions on school science topics.	ST130Q02TA01 <input type="radio"/>	ST130Q02TA02 <input type="radio"/>	ST130Q02TA03 <input type="radio"/>	ST130Q02TA04 <input type="radio"/>
I learn school science topics quickly.	ST130Q03TA01 <input type="radio"/>	ST130Q03TA02 <input type="radio"/>	ST130Q03TA03 <input type="radio"/>	ST130Q03TA04 <input type="radio"/>
School science topics are easy for me.	ST130Q04TA01 <input type="radio"/>	ST130Q04TA02 <input type="radio"/>	ST130Q04TA03 <input type="radio"/>	ST130Q04TA04 <input type="radio"/>
When I am being taught school science, I can understand the concepts very well.	ST130Q05TA01 <input type="radio"/>	ST130Q05TA02 <input type="radio"/>	ST130Q05TA03 <input type="radio"/>	ST130Q05TA04 <input type="radio"/>
I can easily understand new ideas in school science.	ST130Q06TA01 <input type="radio"/>	ST130Q06TA02 <input type="radio"/>	ST130Q06TA03 <input type="radio"/>	ST130Q06TA04 <input type="radio"/>

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

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
A good way to know if something is true is to do an experiment.	ST131Q01NA01 <input type="radio"/>	ST131Q01NA02 <input type="radio"/>	ST131Q01NA03 <input type="radio"/>	ST131Q01NA04 <input type="radio"/>
Some ideas in natural science today are different than what scientists used to think.	ST131Q02NA01 <input type="radio"/>	ST131Q02NA02 <input type="radio"/>	ST131Q02NA03 <input type="radio"/>	ST131Q02NA04 <input type="radio"/>
Ideas in natural science sometimes change.	ST131Q03NA01 <input type="radio"/>	ST131Q03NA02 <input type="radio"/>	ST131Q03NA03 <input type="radio"/>	ST131Q03NA04 <input type="radio"/>
Good answers are based on evidence from many different experiments.	ST131Q04NA01 <input type="radio"/>	ST131Q04NA02 <input type="radio"/>	ST131Q04NA03 <input type="radio"/>	ST131Q04NA04 <input type="radio"/>
There are some questions that scientists cannot answer.	ST131Q05NA01 <input type="radio"/>	ST131Q05NA02 <input type="radio"/>	ST131Q05NA03 <input type="radio"/>	ST131Q05NA04 <input type="radio"/>
It is good to try experiments more than once to make sure of your findings.	ST131Q06NA01 <input type="radio"/>	ST131Q06NA02 <input type="radio"/>	ST131Q06NA03 <input type="radio"/>	ST131Q06NA04 <input type="radio"/>
New discoveries can change what scientists think is true.	ST131Q07NA01 <input type="radio"/>	ST131Q07NA02 <input type="radio"/>	ST131Q07NA03 <input type="radio"/>	ST131Q07NA04 <input type="radio"/>
Sometimes natural science scientists change their minds about what is true in science.	ST131Q08NA01 <input type="radio"/>	ST131Q08NA02 <input type="radio"/>	ST131Q08NA03 <input type="radio"/>	ST131Q08NA04 <input type="radio"/>
It is good to have an idea before I start an experiment.	ST131Q09NA01 <input type="radio"/>	ST131Q09NA02 <input type="radio"/>	ST131Q09NA03 <input type="radio"/>	ST131Q09NA04 <input type="radio"/>
One important part of natural science is doing experiments to come up	ST131Q10NA01 <input type="radio"/>	ST131Q10NA02 <input type="radio"/>	ST131Q10NA03 <input type="radio"/>	ST131Q10NA04 <input type="radio"/>



with ideas about how things work.

The ideas in natural science books sometimes change.

ST131Q11NA01

ST131Q11NA02

ST131Q11NA03

ST131Q11NA04

In natural science, there can be more than one way for scientists to test their ideas.

ST131Q12NA01

ST131Q12NA02

ST131Q12NA03

ST131Q12NA04

**We are interested in what you think about the need for science skills in the job market today.  
How much do you agree with the following statements?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
It is important to have good scientific knowledge and skills in order to get any good job in today's world.	ST132Q01TA01 <input type="radio"/>	ST132Q01TA02 <input type="radio"/>	ST132Q01TA03 <input type="radio"/>	ST132Q01TA04 <input type="radio"/>
Employers generally appreciate strong scientific knowledge and skills among their employees.	ST132Q02TA01 <input type="radio"/>	ST132Q02TA02 <input type="radio"/>	ST132Q02TA03 <input type="radio"/>	ST132Q02TA04 <input type="radio"/>
Most jobs today require some scientific knowledge and skills.	ST132Q03TA01 <input type="radio"/>	ST132Q03TA02 <input type="radio"/>	ST132Q03TA03 <input type="radio"/>	ST132Q03TA04 <input type="radio"/>
It is an advantage in the job market to have good scientific knowledge and skills.	ST132Q04TA01 <input type="radio"/>	ST132Q04TA02 <input type="radio"/>	ST132Q04TA03 <input type="radio"/>	ST132Q04TA04 <input type="radio"/>

## How much do you agree with the statements below?

(Please select one response in each row.)

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
Advances in natural science and technology usually improve people's living conditions.	ST133Q01TA01 <input type="radio"/>	ST133Q01TA02 <input type="radio"/>	ST133Q01TA03 <input type="radio"/>	ST133Q01TA04 <input type="radio"/>
Natural science is important for helping us to understand the natural world.	ST133Q02TA01 <input type="radio"/>	ST133Q02TA02 <input type="radio"/>	ST133Q02TA03 <input type="radio"/>	ST133Q02TA04 <input type="radio"/>
Some concepts in natural science help me see how I relate to other people.	ST133Q03TA01 <input type="radio"/>	ST133Q03TA02 <input type="radio"/>	ST133Q03TA03 <input type="radio"/>	ST133Q03TA04 <input type="radio"/>
Advances in natural science and technology usually help improve the economy.	ST133Q04TA01 <input type="radio"/>	ST133Q04TA02 <input type="radio"/>	ST133Q04TA03 <input type="radio"/>	ST133Q04TA04 <input type="radio"/>
I will use natural science in many ways when I am an adult.	ST133Q05TA01 <input type="radio"/>	ST133Q05TA02 <input type="radio"/>	ST133Q05TA03 <input type="radio"/>	ST133Q05TA04 <input type="radio"/>
Natural science is valuable to society.	ST133Q06TA01 <input type="radio"/>	ST133Q06TA02 <input type="radio"/>	ST133Q06TA03 <input type="radio"/>	ST133Q06TA04 <input type="radio"/>
Natural science is very relevant to me.	ST133Q07TA01 <input type="radio"/>	ST133Q07TA02 <input type="radio"/>	ST133Q07TA03 <input type="radio"/>	ST133Q07TA04 <input type="radio"/>
I find that natural science helps me to understand the things around me.	ST133Q08TA01 <input type="radio"/>	ST133Q08TA02 <input type="radio"/>	ST133Q08TA03 <input type="radio"/>	ST133Q08TA04 <input type="radio"/>
Advances in natural science and technology usually bring social benefits.	ST133Q09TA01 <input type="radio"/>	ST133Q09TA02 <input type="radio"/>	ST133Q09TA03 <input type="radio"/>	ST133Q09TA04 <input type="radio"/>
When I leave school there will be many opportunities for me to use	ST133Q10TA01 <input type="radio"/>	ST133Q10TA02 <input type="radio"/>	ST133Q10TA03 <input type="radio"/>	ST133Q10TA04 <input type="radio"/>

natural science.



Mrs. Wong has caught the flu. Her daughter Bonnie has gone to the pharmacist's to buy medicine for her mother. The pharmacist shows her some medicine and now she has to decide whether to buy it or not.

**How important should Bonnie rate the statements below in her decision to buy the medicine?**

(Please select one response in each row.)

	<i>Not at all important</i>	<i>Hardly important</i>	<i>Important</i>	<i>Very important</i>
The medicine has been used as a traditional remedy.	ST134Q01NA01 <input type="radio"/>	ST134Q01NA02 <input type="radio"/>	ST134Q01NA03 <input type="radio"/>	ST134Q01NA04 <input type="radio"/>
Compared to flu patients not taking any medication, 60% of those taking the medicine got better faster.	ST134Q02NA01 <input type="radio"/>	ST134Q02NA02 <input type="radio"/>	ST134Q02NA03 <input type="radio"/>	ST134Q02NA04 <input type="radio"/>
The medicine is a herbal extract.	ST134Q03NA01 <input type="radio"/>	ST134Q03NA02 <input type="radio"/>	ST134Q03NA03 <input type="radio"/>	ST134Q03NA04 <input type="radio"/>
Adversary effects such as skin irritation were found with 3% of the patients taking medicine.	ST134Q04NA01 <input type="radio"/>	ST134Q04NA02 <input type="radio"/>	ST134Q04NA03 <input type="radio"/>	ST134Q04NA04 <input type="radio"/>
In a newspaper, an expert said every household should always have this medicine at home.	ST134Q05NA01 <input type="radio"/>	ST134Q05NA02 <input type="radio"/>	ST134Q05NA03 <input type="radio"/>	ST134Q05NA04 <input type="radio"/>
According to Bonnie's grandmother, the medicine also prevented people getting the flu again soon.	ST134Q06NA01 <input type="radio"/>	ST134Q06NA02 <input type="radio"/>	ST134Q06NA03 <input type="radio"/>	ST134Q06NA04 <input type="radio"/>
The medicine is advertised on TV.	ST134Q07NA01 <input type="radio"/>	ST134Q07NA02 <input type="radio"/>	ST134Q07NA03 <input type="radio"/>	ST134Q07NA04 <input type="radio"/>



Martin is very good at cycling. He plans to prepare for the national Olympic preliminaries in two years' time. His coach advises him to use a bicycle helmet and now Martin has to decide whether to buy one or not.

**How strongly should the statements below affect Martin's decision to buy a helmet?**

(Please select one response in each row.)

	<i>No effect</i>	<i>Little effect</i>	<i>Medium effect</i>	<i>Strong effect</i>
All international cycle racing events have a rule on wearing a bicycle helmet.	ST135Q01NA01 <input type="radio"/>	ST135Q01NA02 <input type="radio"/>	ST135Q01NA03 <input type="radio"/>	ST135Q01NA04 <input type="radio"/>
The local newspaper published an article about a boy not wearing a helmet who was badly injured in an accident.	ST135Q02NA01 <input type="radio"/>	ST135Q02NA02 <input type="radio"/>	ST135Q02NA03 <input type="radio"/>	ST135Q02NA04 <input type="radio"/>
The instruction manual for the helmet says that on average, the mortality risk in bicycle accidents can be reduced by about 70% by wearing a bicycle helmet.	ST135Q03NA01 <input type="radio"/>	ST135Q03NA02 <input type="radio"/>	ST135Q03NA03 <input type="radio"/>	ST135Q03NA04 <input type="radio"/>
Official statistics show that cyclists wearing a helmet suffer less injury in an accident than cyclists without a helmet.	ST135Q04NA01 <input type="radio"/>	ST135Q04NA02 <input type="radio"/>	ST135Q04NA03 <input type="radio"/>	ST135Q04NA04 <input type="radio"/>
A scientific study conducted by a university showed that wearing a helmet decreases the probability of head injuries.	ST135Q05NA01 <input type="radio"/>	ST135Q05NA02 <input type="radio"/>	ST135Q05NA03 <input type="radio"/>	ST135Q05NA04 <input type="radio"/>
Many parents want their children to wear a helmet.	ST135Q06NA01 <input type="radio"/>	ST135Q06NA02 <input type="radio"/>	ST135Q06NA03 <input type="radio"/>	ST135Q06NA04 <input type="radio"/>





## Branching rule

Rule: IF (^ST003Q02TA01 = null OR ^ST003Q02TA01 = 01 OR ^ST003Q02TA01 = 05 OR ^ST003Q02TA01 = 09) THEN GOTO ^ST136 ELSE GOTO ^ST136R01

Alice is very good at long distance running. She wants to prepare for the school sports event. Alice considers setting up a long-term training plan.

**How strongly should the following statements affect Alice's decision to set up a training plan?**

(Please select one response in each row.)

	<i>No effect</i>	<i>Little effect</i>	<i>Medium effect</i>	<i>Strong effect</i>
Her father read about the benefits of following a training plan in the newspaper.	ST136Q01NA01 <input type="radio"/>	ST136Q01NA02 <input type="radio"/>	ST136Q01NA03 <input type="radio"/>	ST136Q01NA04 <input type="radio"/>
Webpages designed for professional and amateur athletes provide training plans for most disciplines.	ST136Q02NA01 <input type="radio"/>	ST136Q02NA02 <input type="radio"/>	ST136Q02NA03 <input type="radio"/>	ST136Q02NA04 <input type="radio"/>
Her doctor expects an optimal conditioning state, health, and power if she follows a regular training plan.	ST136Q03NA01 <input type="radio"/>	ST136Q03NA02 <input type="radio"/>	ST136Q03NA03 <input type="radio"/>	ST136Q03NA04 <input type="radio"/>
A national university has just published a study on the importance of regular and predetermined training and relaxation phases for an athlete's strength and condition.	ST136Q04NA01 <input type="radio"/>	ST136Q04NA02 <input type="radio"/>	ST136Q04NA03 <input type="radio"/>	ST136Q04NA04 <input type="radio"/>
All her team mates practise according to their training plan on most days.	ST136Q05NA01 <input type="radio"/>	ST136Q05NA02 <input type="radio"/>	ST136Q05NA03 <input type="radio"/>	ST136Q05NA04 <input type="radio"/>
The national Olympic committee invites young athletes to seminars to fit their individual training plan to their current condition.	ST136Q06NA01 <input type="radio"/>	ST136Q06NA02 <input type="radio"/>	ST136Q06NA03 <input type="radio"/>	ST136Q06NA04 <input type="radio"/>
A report about the current national champion quotes the champ to believe in the importance of sticking to a predetermined training plan.	ST136Q07NA01 <input type="radio"/>	ST136Q07NA02 <input type="radio"/>	ST136Q07NA03 <input type="radio"/>	ST136Q07NA04 <input type="radio"/>



## Branching rule

Rule: IF (^ST003Q02TA01 = 02 OR ^ST003Q02TA01 = 06 OR ^ST003Q02TA01 = 10) THEN GOTO ^ST137  
ELSE GOTO ^ST137R01

Alice is very good at long distance running. She wants to prepare for the school sports event. Alice considers setting up a long-term training plan.

**How strongly should the following statements affect Alice's decision to set up a training plan?**

(Please select one response in each row.)

	<i>No effect</i>	<i>Little effect</i>	<i>Medium effect</i>	<i>Strong effect</i>
Her doctor expects an optimal conditioning state, health, and power if she follows a regular training plan.	ST137Q01NA01 <input type="radio"/>	ST137Q01NA02 <input type="radio"/>	ST137Q01NA03 <input type="radio"/>	ST137Q01NA04 <input type="radio"/>
A national university has just published a study on the importance of regular and predetermined training and relaxation phases for an athlete's strength and condition.	ST137Q02NA01 <input type="radio"/>	ST137Q02NA02 <input type="radio"/>	ST137Q02NA03 <input type="radio"/>	ST137Q02NA04 <input type="radio"/>
All her team mates practise according to their training plan on most days.	ST137Q03NA01 <input type="radio"/>	ST137Q03NA02 <input type="radio"/>	ST137Q03NA03 <input type="radio"/>	ST137Q03NA04 <input type="radio"/>
The national Olympic committee invites young athletes to seminars to fit their individual training plan to their current condition.	ST137Q04NA01 <input type="radio"/>	ST137Q04NA02 <input type="radio"/>	ST137Q04NA03 <input type="radio"/>	ST137Q04NA04 <input type="radio"/>
A report about the current national champion quotes the champ to believe in the importance of sticking to a predetermined training plan.	ST137Q05NA01 <input type="radio"/>	ST137Q05NA02 <input type="radio"/>	ST137Q05NA03 <input type="radio"/>	ST137Q05NA04 <input type="radio"/>
Her father read about the benefits of following a training plan in the newspaper.	ST137Q06NA01 <input type="radio"/>	ST137Q06NA02 <input type="radio"/>	ST137Q06NA03 <input type="radio"/>	ST137Q06NA04 <input type="radio"/>
Webpages designed for professional and amateur athletes provide training plans for most disciplines.	ST137Q07NA01 <input type="radio"/>	ST137Q07NA02 <input type="radio"/>	ST137Q07NA03 <input type="radio"/>	ST137Q07NA04 <input type="radio"/>



## Branching rule

Rule: IF (^ST003Q02TA01 = 03 OR ^ST003Q02TA01 = 07 OR ^ST003Q02TA01 = 11) THEN GOTO ^ST138  
ELSE GOTO ^ST138R01

Alice is very good at long distance running. She wants to prepare for the school sports event. Alice considers setting up a long-term training plan.

**How strongly should the following statements affect Alice's decision to set up a training plan?**

(Please select one response in each row.)

	<i>No effect</i>	<i>Little effect</i>	<i>Medium effect</i>	<i>Strong effect</i>
All her team mates practise according to their training plan on most days.	ST138Q01NA01 <input type="radio"/>	ST138Q01NA02 <input type="radio"/>	ST138Q01NA03 <input type="radio"/>	ST138Q01NA04 <input type="radio"/>
The national Olympic committee invites young athletes to seminars to fit their individual training plan to their current condition.	ST138Q02NA01 <input type="radio"/>	ST138Q02NA02 <input type="radio"/>	ST138Q02NA03 <input type="radio"/>	ST138Q02NA04 <input type="radio"/>
A report about the current national champion quotes the champ to believe in the importance of sticking to a predetermined training plan.	ST138Q03NA01 <input type="radio"/>	ST138Q03NA02 <input type="radio"/>	ST138Q03NA03 <input type="radio"/>	ST138Q03NA04 <input type="radio"/>
Her father read about the benefits of following a training plan in the newspaper.	ST138Q04NA01 <input type="radio"/>	ST138Q04NA02 <input type="radio"/>	ST138Q04NA03 <input type="radio"/>	ST138Q04NA04 <input type="radio"/>
Webpages designed for professional and amateur athletes provide training plans for most disciplines.	ST138Q05NA01 <input type="radio"/>	ST138Q05NA02 <input type="radio"/>	ST138Q05NA03 <input type="radio"/>	ST138Q05NA04 <input type="radio"/>
Her doctor expects an optimal conditioning state, health, and power if she follows a regular training plan.	ST138Q06NA01 <input type="radio"/>	ST138Q06NA02 <input type="radio"/>	ST138Q06NA03 <input type="radio"/>	ST138Q06NA04 <input type="radio"/>
A national university has just published a study on the importance of regular and predetermined training and relaxation phases for an athlete's strength and condition.	ST138Q07NA01 <input type="radio"/>	ST138Q07NA02 <input type="radio"/>	ST138Q07NA03 <input type="radio"/>	ST138Q07NA04 <input type="radio"/>





## Branching rule

Rule: IF (^ST003Q02TA01 =04 OR ^ST003Q02TA01 = 08 OR ^ST003Q02TA01 = 12) THEN GOTO ^ST139 ELSE  
GOTO ^ST140

Alice is very good at long distance running. She wants to prepare for the school sports event. Alice considers setting up a long-term training plan.

**How strongly should the following statements affect Alice's decision to set up a training plan?**

(Please select one response in each row.)

	No effect	Little effect	Medium effect	Strong effect
A report about the current national champion quotes the champ to believe in the importance of sticking to a predetermined training plan.	ST139Q01NA01 <input type="radio"/>	ST139Q01NA02 <input type="radio"/>	ST139Q01NA03 <input type="radio"/>	ST139Q01NA04 <input type="radio"/>
Her father read about the benefits of following a training plan in the newspaper.	ST139Q02NA01 <input type="radio"/>	ST139Q02NA02 <input type="radio"/>	ST139Q02NA03 <input type="radio"/>	ST139Q02NA04 <input type="radio"/>
Webpages designed for professional and amateur athletes provide training plans for most disciplines.	ST139Q03NA01 <input type="radio"/>	ST139Q03NA02 <input type="radio"/>	ST139Q03NA03 <input type="radio"/>	ST139Q03NA04 <input type="radio"/>
Her doctor expects an optimal conditioning state, health, and power if she follows a regular training plan.	ST139Q04NA01 <input type="radio"/>	ST139Q04NA02 <input type="radio"/>	ST139Q04NA03 <input type="radio"/>	ST139Q04NA04 <input type="radio"/>
A national university has just published a study on the importance of regular and predetermined training and relaxation phases for an athlete's strength and condition.	ST139Q05NA01 <input type="radio"/>	ST139Q05NA02 <input type="radio"/>	ST139Q05NA03 <input type="radio"/>	ST139Q05NA04 <input type="radio"/>
All her team mates practise according to their training plan on most days.	ST139Q06NA01 <input type="radio"/>	ST139Q06NA02 <input type="radio"/>	ST139Q06NA03 <input type="radio"/>	ST139Q06NA04 <input type="radio"/>
The national Olympic committee invites young athletes to seminars to fit their individual training plan to their current condition.	ST139Q07NA01 <input type="radio"/>	ST139Q07NA02 <input type="radio"/>	ST139Q07NA03 <input type="radio"/>	ST139Q07NA04 <input type="radio"/>



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

(Please select one response in each row.)

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I like trying new things, even though sometimes nothing comes of it.	ST140Q01NA01 <input type="radio"/>	ST140Q01NA02 <input type="radio"/>	ST140Q01NA03 <input type="radio"/>	ST140Q01NA04 <input type="radio"/>
I only undertake tasks that are solvable.	ST140Q02NA01 <input type="radio"/>	ST140Q02NA02 <input type="radio"/>	ST140Q02NA03 <input type="radio"/>	ST140Q02NA04 <input type="radio"/>
I like surprises.	ST140Q03NA01 <input type="radio"/>	ST140Q03NA02 <input type="radio"/>	ST140Q03NA03 <input type="radio"/>	ST140Q03NA04 <input type="radio"/>
I like taking things as they come.	ST140Q04NA01 <input type="radio"/>	ST140Q04NA02 <input type="radio"/>	ST140Q04NA03 <input type="radio"/>	ST140Q04NA04 <input type="radio"/>
I like it when things keep flowing smoothly.	ST140Q05NA01 <input type="radio"/>	ST140Q05NA02 <input type="radio"/>	ST140Q05NA03 <input type="radio"/>	ST140Q05NA04 <input type="radio"/>
I am impatiently waiting for something exciting to happen.	ST140Q06NA01 <input type="radio"/>	ST140Q06NA02 <input type="radio"/>	ST140Q06NA03 <input type="radio"/>	ST140Q06NA04 <input type="radio"/>
I feel completely at ease when things around me go wild.	ST140Q07NA01 <input type="radio"/>	ST140Q07NA02 <input type="radio"/>	ST140Q07NA03 <input type="radio"/>	ST140Q07NA04 <input type="radio"/>
I like knowing what the next step will be.	ST140Q08NA01 <input type="radio"/>	ST140Q08NA02 <input type="radio"/>	ST140Q08NA03 <input type="radio"/>	ST140Q08NA04 <input type="radio"/>



**Below you can see pairs of different occupations. In each line, please choose the one that you admire more.**

*(Please select one response in each row.)*

Physicist      ST141Q01NA01            Lawyer      ST141Q01NA02     

Historian      ST141Q02NA01            Building architect      ST141Q02NA02     

Meteorologist      ST141Q03NA01            Economist      ST141Q03NA02     

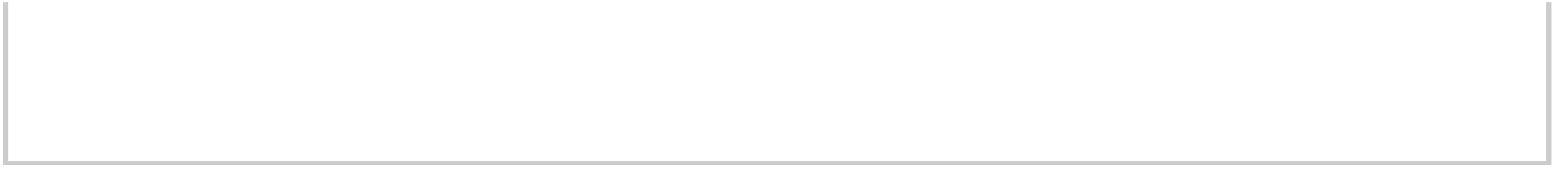
Teacher      ST141Q04NA01            Biologist      ST141Q04NA02     

Civil Engineer      ST141Q05NA01            Librarian      ST141Q05NA02     

Journalist      ST141Q06NA01            Electrical engineer      ST141Q06NA02     

Mathematician      ST141Q07NA01            Judge      ST141Q07NA02     

Actor      ST141Q08NA01            Medical Doctor      ST141Q08NA02





## **Section F: Using Technical Devices**

**How much do you disagree or agree with the statements about the use of new technologies (e.g. tablet computer, smartphone, Blu-ray player) below?**

*(Please select one response in each row.)*

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
I am curious about new technologies.	ST142Q01NA01 <input type="radio"/>	ST142Q01NA02 <input type="radio"/>	ST142Q01NA03 <input type="radio"/>	ST142Q01NA04 <input type="radio"/>
Using new technologies stresses me.	ST142Q02NA01 <input type="radio"/>	ST142Q02NA02 <input type="radio"/>	ST142Q02NA03 <input type="radio"/>	ST142Q02NA04 <input type="radio"/>
I find it difficult to use new technologies - I do not know how to make them work.	ST142Q03NA01 <input type="radio"/>	ST142Q03NA02 <input type="radio"/>	ST142Q03NA03 <input type="radio"/>	ST142Q03NA04 <input type="radio"/>
It is up to me whether I can use new technologies or not - it has nothing to do with luck.	ST142Q04NA01 <input type="radio"/>	ST142Q04NA02 <input type="radio"/>	ST142Q04NA03 <input type="radio"/>	ST142Q04NA04 <input type="radio"/>
I am always interested in using the latest technological devices.	ST142Q05NA01 <input type="radio"/>	ST142Q05NA02 <input type="radio"/>	ST142Q05NA03 <input type="radio"/>	ST142Q05NA04 <input type="radio"/>
When I am using new technologies, I am afraid of failing.	ST142Q06NA01 <input type="radio"/>	ST142Q06NA02 <input type="radio"/>	ST142Q06NA03 <input type="radio"/>	ST142Q06NA04 <input type="radio"/>
When I have problems with technologies, it is up to me whether I solve them or not.	ST142Q07NA01 <input type="radio"/>	ST142Q07NA02 <input type="radio"/>	ST142Q07NA03 <input type="radio"/>	ST142Q07NA04 <input type="radio"/>
If I had the opportunity, I would use technological devices more frequently than now.	ST142Q08NA01 <input type="radio"/>	ST142Q08NA02 <input type="radio"/>	ST142Q08NA03 <input type="radio"/>	ST142Q08NA04 <input type="radio"/>
I worry that I will break new technological devices rather than use them in the right way.	ST142Q09NA01 <input type="radio"/>	ST142Q09NA02 <input type="radio"/>	ST142Q09NA03 <input type="radio"/>	ST142Q09NA04 <input type="radio"/>

It is up to me whether I succeed in using new technology or not.	ST142Q10NA01 <input type="radio"/>	ST142Q10NA02 <input type="radio"/>	ST142Q10NA03 <input type="radio"/>	ST142Q10NA04 <input type="radio"/>
The outcome of my use of new technologies depends on me alone.	ST142Q11NA01 <input type="radio"/>	ST142Q11NA02 <input type="radio"/>	ST142Q11NA03 <input type="radio"/>	ST142Q11NA04 <input type="radio"/>
I quickly take pleasure in new technologies.	ST142Q12NA01 <input type="radio"/>	ST142Q12NA02 <input type="radio"/>	ST142Q12NA03 <input type="radio"/>	ST142Q12NA04 <input type="radio"/>

**If you were in a position to decide on the application of a certain technology, which of the two arguments is more important in deciding to use each new technology?**

*(Please select one response in each row.)*

In agriculture, genetically modified seeds can produce a higher yield.

ST143Q01NA01

Genetic engineering may reduce biodiversity.

ST143Q01NA02

Today, it is possible to have a child through in vitro fertilisation even when natural conception does not work.

ST143Q02NA01

Using in vitro fertilisation, geneticists can select which foetus will continue development.

ST143Q02NA02

Nuclear power plants generate lots of electricity.

ST143Q03NA01

Nuclear power plants produce radioactive waste.

ST143Q03NA02

Wind turbines generate electricity without any waste.

ST143Q04NA01

Wind turbines are noisy and disfigure the landscape.

ST143Q04NA02

In social networks, people can share personal information and photographs with others online.

ST143Q05NA01

Once information and photographs are uploaded to social networks, they can be retrieved many years later.

ST143Q05NA02

## How often do you use the following?

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Once or twice a month</i>	<i>Once or twice a week</i>	<i>Almost every day</i>	<i>Every day</i>
Internet, e-mail	ST144Q01NA01 <input type="radio"/>	ST144Q01NA02 <input type="radio"/>	ST144Q01NA03 <input type="radio"/>	ST144Q01NA04 <input type="radio"/>	ST144Q01NA05 <input type="radio"/>
Computer, laptop, tablet	ST144Q02NA01 <input type="radio"/>	ST144Q02NA02 <input type="radio"/>	ST144Q02NA03 <input type="radio"/>	ST144Q02NA04 <input type="radio"/>	ST144Q02NA05 <input type="radio"/>
Mobile phone, smartphone, PDA (Personal Digital Assistant)	ST144Q03NA01 <input type="radio"/>	ST144Q03NA02 <input type="radio"/>	ST144Q03NA03 <input type="radio"/>	ST144Q03NA04 <input type="radio"/>	ST144Q03NA05 <input type="radio"/>
MP3 Player, iPod	ST144Q04NA01 <input type="radio"/>	ST144Q04NA02 <input type="radio"/>	ST144Q04NA03 <input type="radio"/>	ST144Q04NA04 <input type="radio"/>	ST144Q04NA05 <input type="radio"/>
DVD player, Blu-ray player	ST144Q05NA01 <input type="radio"/>	ST144Q05NA02 <input type="radio"/>	ST144Q05NA03 <input type="radio"/>	ST144Q05NA04 <input type="radio"/>	ST144Q05NA05 <input type="radio"/>
Playstation, game consoles	ST144Q06NA01 <input type="radio"/>	ST144Q06NA02 <input type="radio"/>	ST144Q06NA03 <input type="radio"/>	ST144Q06NA04 <input type="radio"/>	ST144Q06NA05 <input type="radio"/>
Synthesiser, electronic piano, e-guitar	ST144Q07NA01 <input type="radio"/>	ST144Q07NA02 <input type="radio"/>	ST144Q07NA03 <input type="radio"/>	ST144Q07NA04 <input type="radio"/>	ST144Q07NA05 <input type="radio"/>
Sewing machine	ST144Q08NA01 <input type="radio"/>	ST144Q08NA02 <input type="radio"/>	ST144Q08NA03 <input type="radio"/>	ST144Q08NA04 <input type="radio"/>	ST144Q08NA05 <input type="radio"/>
Power drill, cordless screwdriver	ST144Q09NA01 <input type="radio"/>	ST144Q09NA02 <input type="radio"/>	ST144Q09NA03 <input type="radio"/>	ST144Q09NA04 <input type="radio"/>	ST144Q09NA05 <input type="radio"/>
	ST144Q10NA01	ST144Q10NA02	ST144Q10NA03	ST144Q10NA04	ST144Q10NA05

Electric kitchen tools (microwave, blender)

ST144Q11NA01



ST144Q11NA02



ST144Q11NA03



ST144Q11NA04



ST144Q11NA05



Electric household tools (vacuum cleaner,  
hairdryer, washing machine)

ST144Q11NA01



ST144Q11NA02



ST144Q11NA03



ST144Q11NA04



ST144Q11NA05



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

*(Please select one response in each row.)*

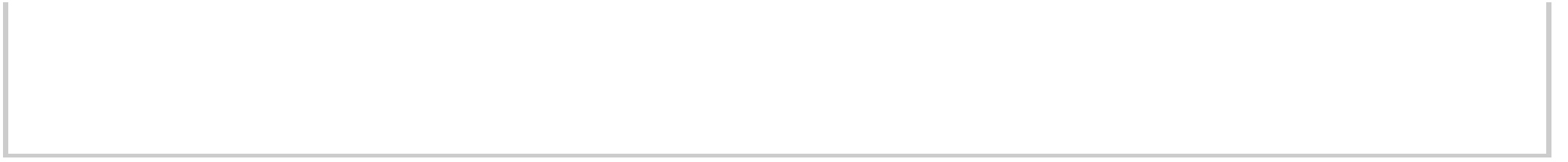
	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
When I have a new device, the first thing I do is read the entire user manual.	ST145Q01NA01 <input type="radio"/>	ST145Q01NA02 <input type="radio"/>	ST145Q01NA03 <input type="radio"/>	ST145Q01NA04 <input type="radio"/>
When I have a new device, I can immediately tell how it works.	ST145Q02NA01 <input type="radio"/>	ST145Q02NA02 <input type="radio"/>	ST145Q02NA03 <input type="radio"/>	ST145Q02NA04 <input type="radio"/>
When I have a new device, I want to try out all the different features right away.	ST145Q03NA01 <input type="radio"/>	ST145Q03NA02 <input type="radio"/>	ST145Q03NA03 <input type="radio"/>	ST145Q03NA04 <input type="radio"/>
When I have a new device, I prefer to intentionally look at those features I actually want and need.	ST145Q04NA01 <input type="radio"/>	ST145Q04NA02 <input type="radio"/>	ST145Q04NA03 <input type="radio"/>	ST145Q04NA04 <input type="radio"/>
When I have a new device, I look for someone to explain to me how it works.	ST145Q05NA01 <input type="radio"/>	ST145Q05NA02 <input type="radio"/>	ST145Q05NA03 <input type="radio"/>	ST145Q05NA04 <input type="radio"/>

## How often do you do these things?

(Please select one response in each row.)

	<i>Very often</i>	<i>Regularly</i>	<i>Sometimes</i>	<i>Never or hardly ever</i>
Watch TV programmes about natural science.	ST146Q01TA01 <input type="radio"/>	ST146Q01TA02 <input type="radio"/>	ST146Q01TA03 <input type="radio"/>	ST146Q01TA04 <input type="radio"/>
Borrow or buy books on natural science topics.	ST146Q02TA01 <input type="radio"/>	ST146Q02TA02 <input type="radio"/>	ST146Q02TA03 <input type="radio"/>	ST146Q02TA04 <input type="radio"/>
Visit websites about natural science topics.	ST146Q03TA01 <input type="radio"/>	ST146Q03TA02 <input type="radio"/>	ST146Q03TA03 <input type="radio"/>	ST146Q03TA04 <input type="radio"/>
Read natural science magazines or science articles in newspaper	ST146Q04TA01 <input type="radio"/>	ST146Q04TA02 <input type="radio"/>	ST146Q04TA03 <input type="radio"/>	ST146Q04TA04 <input type="radio"/>
Attend a science club or science society.	ST146Q05TA01 <input type="radio"/>	ST146Q05TA02 <input type="radio"/>	ST146Q05TA03 <input type="radio"/>	ST146Q05TA04 <input type="radio"/>
Simulate natural phenomena in computer programs/virtual labs	ST146Q06NA01 <input type="radio"/>	ST146Q06NA02 <input type="radio"/>	ST146Q06NA03 <input type="radio"/>	ST146Q06NA04 <input type="radio"/>
Simulate technical processes in computer programs/virtual labs	ST146Q07NA01 <input type="radio"/>	ST146Q07NA02 <input type="radio"/>	ST146Q07NA03 <input type="radio"/>	ST146Q07NA04 <input type="radio"/>
Visit websites of ecology organisations	ST146Q08NA01 <input type="radio"/>	ST146Q08NA02 <input type="radio"/>	ST146Q08NA03 <input type="radio"/>	ST146Q08NA04 <input type="radio"/>
Follow news of science, environmental, or ecology organisations via blogs and microblogging	ST146Q09NA01 <input type="radio"/>	ST146Q09NA02 <input type="radio"/>	ST146Q09NA03 <input type="radio"/>	ST146Q09NA04 <input type="radio"/>





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