

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

- You, your family, and your home*
- How you think about your life*
- Your school*
- Your school schedule and learning time*
- School science learning in school*
- Your view on science*

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 yourself.

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 broad science. Broad science is science in general and is not limited to subjects or courses that are taught at school. 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. design and technology), or your school teaches a general or integrated science course (e.g. Science (Physics/Chemistry), Science Syllabus T).

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.

You, your family, and your home

What level of study (e.g. Sec 4, Grade 10) are you in?

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

Level of Study

ST001Q01TA01

Select...



- Level of Study (ST001Q01TA01)
 - Select...
 - Secondary 1 or Grade 7
 - Secondary 2 or Grade 8
 - Secondary 3 or Grade 9
 - Secondary 4 or Grade 10
 - Secondary 5
 - JC1 or Grade 11
 - JC2 or Grade 12

Which one of the following programmes are you in?

(Please select one response.)

Secondary education

ST002Q01TA01

☐

Post-secondary education

ST002Q01TA02

☐

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.)

Upper secondary education

ST005Q01TA01

☐

Lower secondary education

ST005Q01TA03

☐

Primary education

ST005Q01TA04

☐

She did not complete primary education

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.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| PhD | ST006Q01TA01 <input type="radio"/> | ST006Q01TA02 <input type="radio"/> |
| University Bachelor's degree (with/without honours), Master's degree | ST006Q02TA01 <input type="radio"/> | ST006Q02TA02 <input type="radio"/> |
| Polytechnic diploma | ST006Q03TA01 <input type="radio"/> | ST006Q03TA02 <input type="radio"/> |
| Post-secondary certification (e.g. GCE A-level or ITE certification) | 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.)

Upper secondary education

ST007Q01TA01

☐

Lower secondary education

ST007Q01TA03

☐

Primary education

ST007Q01TA04

☐

He did not complete primary education

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.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| PhD | ST008Q01TA01 <input type="radio"/> | ST008Q01TA02 <input type="radio"/> |
| University Bachelor's degree (with/without honours), Master's degree | ST008Q02TA01 <input type="radio"/> | ST008Q02TA02 <input type="radio"/> |
| Polytechnic diploma | ST008Q03TA01 <input type="radio"/> | ST008Q03TA02 <input type="radio"/> |
| Post-secondary certification (e.g. GCE A-level or ITE certification) | ST008Q04TA01 <input type="radio"/> | ST008Q04TA02 <input type="radio"/> |

Which of the following are in your home?

(Please select one response in each row.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| 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) | 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"/> |

Technical reference books

ST011Q11TA01
☐

ST011Q11TA02
☐

A dictionary

ST011Q12TA01
☐

ST011Q12TA02
☐

Books on art, music, or design

ST011Q16NA01
☐

ST011Q16NA02
☐

Air-conditioner

ST011Q17TA01
☐

ST011Q17TA02
☐

Domestic helper (e.g. full/part-time maid)

ST011Q18TA01
☐

ST011Q18TA02
☐

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"/> |
| Hand 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®, Samsung® Galaxy Tab™) | ST012Q07NA01 <input type="radio"/> | ST012Q07NA02 <input type="radio"/> | ST012Q07NA03 <input type="radio"/> | ST012Q07NA04 <input type="radio"/> |
| E-book readers (e.g. Kindle™, Kobo) | 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 school books.

(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 high 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 high 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

Thinking about the previous academic year: 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> |
|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 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"/> |

In what country were you and your parents born?

(Please select one response in each column.)

| | <i>You</i> | <i>Mother</i> | <i>Father</i> |
|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Singapore | ST019AQ01T01 <input type="radio"/> | ST019BQ01T01 <input type="radio"/> | ST019CQ01T01 <input type="radio"/> |
| Other country | ST019AQ01T06 <input type="radio"/> | ST019BQ01T06 <input type="radio"/> | ST019CQ01T06 <input type="radio"/> |

Branching rule

Rule: IF ^ST019AQ01T01 = 0 THEN GOTO ^ST021 ELSE GOTO ^ST022

How old were you when you arrived in Singapore?

(Please select from the drop-down menu to answer the question. If you were less than 12 months old, please select “age 0-1” (age zero to one).)

ST021Q01TA01

Select...



- (ST021Q01TA01)

Select...

age 0 - 1

age 1

age 2

age 3

age 4

age 5

age 6

age 7

age 8

age 9

age 10

age 11

age 12

age 13

age 14

age 15

age 16

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

(Please select one response.)

English

ST022Q01TA01

☐

Chinese

ST022Q01TA02

☐

Malay

ST022Q01TA03

☐

Tamil

ST022Q01TA04

☐

Other language

ST022Q01TA05

☐

How old were you when you started pre-school or kindergarten?

(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 pre-school or kindergarten
 - 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 level of study?

(Please select one response in each row.)

| | <i>No, never</i> | <i>Yes, once</i> | <i>Yes, twice or more</i> |
|----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| During primary school | ST127Q01TA01 <input type="radio"/> | ST127Q01TA02 <input type="radio"/> | ST127Q01TA03 <input type="radio"/> |
| During lower secondary education | ST127Q02TA01 <input type="radio"/> | ST127Q02TA02 <input type="radio"/> | ST127Q02TA03 <input type="radio"/> |
| During upper secondary education | ST127Q03TA01 <input type="radio"/> | ST127Q03TA02 <input type="radio"/> | ST127Q03TA03 <input type="radio"/> |

How you think about your life

Which of the following do you expect to complete?

(Please select one response.)

Lower secondary

ST111Q01TA01

☐

Upper secondary

ST111Q01TA03

☐

Post-secondary certification (e.g. GCE A-level or ITE certification)

ST111Q01TA04

☐

Polytechnic diploma

ST111Q01TA05

☐

University Bachelor's Degree (with/without honours), Masters Degree

ST111Q01TA06

☐

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

Please type in the job title.

ST114Q01TA01

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"/> |

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"/> |

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

Your school

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 prefer working as part of a team to working alone. | ST082Q01NA01 <input type="radio"/> | ST082Q01NA02 <input type="radio"/> | ST082Q01NA03 <input type="radio"/> | ST082Q01NA04 <input type="radio"/> |
| I am a good listener. | ST082Q02NA01 <input type="radio"/> | ST082Q02NA02 <input type="radio"/> | ST082Q02NA03 <input type="radio"/> | ST082Q02NA04 <input type="radio"/> |
| I enjoy seeing my classmates be successful. | ST082Q03NA01 <input type="radio"/> | ST082Q03NA02 <input type="radio"/> | ST082Q03NA03 <input type="radio"/> | ST082Q03NA04 <input type="radio"/> |
| I take into account what others are interested in. | ST082Q08NA01 <input type="radio"/> | ST082Q08NA02 <input type="radio"/> | ST082Q08NA03 <input type="radio"/> | ST082Q08NA04 <input type="radio"/> |
| I find that teams make better decisions than individuals. | ST082Q09NA01 <input type="radio"/> | ST082Q09NA02 <input type="radio"/> | ST082Q09NA03 <input type="radio"/> | ST082Q09NA04 <input type="radio"/> |
| I enjoy considering different perspectives. | ST082Q12NA01 <input type="radio"/> | ST082Q12NA02 <input type="radio"/> | ST082Q12NA03 <input type="radio"/> | ST082Q12NA04 <input type="radio"/> |
| I find that teamwork raises my own efficiency. | ST082Q13NA01 <input type="radio"/> | ST082Q13NA02 <input type="radio"/> | ST082Q13NA03 <input type="radio"/> | ST082Q13NA04 <input type="radio"/> |
| I enjoy cooperating with peers. | ST082Q14NA01 <input type="radio"/> | ST082Q14NA02 <input type="radio"/> | ST082Q14NA03 <input type="radio"/> | ST082Q14NA04 <input type="radio"/> |



Thinking about your school: to what extent do you agree 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> |
|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| I feel like an outsider (or left out of things) at school. | ST034Q01TA01 <input type="radio"/> | ST034Q01TA02 <input type="radio"/> | ST034Q01TA03 <input type="radio"/> | ST034Q01TA04 <input type="radio"/> |
| I make friends easily at school. | ST034Q02TA01 <input type="radio"/> | ST034Q02TA02 <input type="radio"/> | ST034Q02TA03 <input type="radio"/> | ST034Q02TA04 <input type="radio"/> |
| I feel like I belong at school. | ST034Q03TA01 <input type="radio"/> | ST034Q03TA02 <input type="radio"/> | ST034Q03TA03 <input type="radio"/> | ST034Q03TA04 <input type="radio"/> |
| I feel awkward and out of place at my school. | ST034Q04TA01 <input type="radio"/> | ST034Q04TA02 <input type="radio"/> | ST034Q04TA03 <input type="radio"/> | ST034Q04TA04 <input type="radio"/> |
| Other students seem to like me | ST034Q05TA01 <input type="radio"/> | ST034Q05TA02 <input type="radio"/> | ST034Q05TA03 <input type="radio"/> | ST034Q05TA04 <input type="radio"/> |
| I feel lonely at school. | ST034Q06TA01 <input type="radio"/> | ST034Q06TA02 <input type="radio"/> | ST034Q06TA03 <input type="radio"/> | ST034Q06TA04 <input type="radio"/> |

During the past 12 months, how often have you had the following experiences at school?

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>A few times a year</i> | <i>A few times a month</i> | <i>Once a week or more</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Teachers called on me less often than they called on other students. | ST039Q01NA01 <input type="radio"/> | ST039Q01NA02 <input type="radio"/> | ST039Q01NA03 <input type="radio"/> | ST039Q01NA04 <input type="radio"/> |
| Teachers graded me harder than they graded other students. | ST039Q02NA01 <input type="radio"/> | ST039Q02NA02 <input type="radio"/> | ST039Q02NA03 <input type="radio"/> | ST039Q02NA04 <input type="radio"/> |
| Teachers gave me the impression that they think I am less smart than I really am. | ST039Q03NA01 <input type="radio"/> | ST039Q03NA02 <input type="radio"/> | ST039Q03NA03 <input type="radio"/> | ST039Q03NA04 <input type="radio"/> |
| Teachers disciplined me more harshly than other students. | ST039Q04NA01 <input type="radio"/> | ST039Q04NA02 <input type="radio"/> | ST039Q04NA03 <input type="radio"/> | ST039Q04NA04 <input type="radio"/> |
| Teachers ridiculed me in front of others. | ST039Q05NA01 <input type="radio"/> | ST039Q05NA02 <input type="radio"/> | ST039Q05NA03 <input type="radio"/> | ST039Q05NA04 <input type="radio"/> |
| Teachers said something insulting to me in front of others. | ST039Q06NA01 <input type="radio"/> | ST039Q06NA02 <input type="radio"/> | ST039Q06NA03 <input type="radio"/> | ST039Q06NA04 <input type="radio"/> |

During the past 12 months, how often have you had the following experiences in school?

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>A few times a year</i> | <i>A few times a month</i> | <i>Once a week or more</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| I got called names by other students. | ST038Q01NA01 <input type="radio"/> | ST038Q01NA02 <input type="radio"/> | ST038Q01NA03 <input type="radio"/> | ST038Q01NA04 <input type="radio"/> |
| I got picked on by other students. | ST038Q02NA01 <input type="radio"/> | ST038Q02NA02 <input type="radio"/> | ST038Q02NA03 <input type="radio"/> | ST038Q02NA04 <input type="radio"/> |
| Other students left me out of things on purpose. | ST038Q03NA01 <input type="radio"/> | ST038Q03NA02 <input type="radio"/> | ST038Q03NA03 <input type="radio"/> | ST038Q03NA04 <input type="radio"/> |
| Other students made fun of me. | ST038Q04NA01 <input type="radio"/> | ST038Q04NA02 <input type="radio"/> | ST038Q04NA03 <input type="radio"/> | ST038Q04NA04 <input type="radio"/> |
| I was threatened by other students. | ST038Q05NA01 <input type="radio"/> | ST038Q05NA02 <input type="radio"/> | ST038Q05NA03 <input type="radio"/> | ST038Q05NA04 <input type="radio"/> |
| Other students took away or destroyed things that belonged to me. | ST038Q06NA01 <input type="radio"/> | ST038Q06NA02 <input type="radio"/> | ST038Q06NA03 <input type="radio"/> | ST038Q06NA04 <input type="radio"/> |
| I got hit or pushed around by other students. | ST038Q07NA01 <input type="radio"/> | ST038Q07NA02 <input type="radio"/> | ST038Q07NA03 <input type="radio"/> | ST038Q07NA04 <input type="radio"/> |
| Other students spread nasty rumours about me. | ST038Q08NA01 <input type="radio"/> | ST038Q08NA02 <input type="radio"/> | ST038Q08NA03 <input type="radio"/> | ST038Q08NA04 <input type="radio"/> |



Your school schedule and learning time

How many class periods per week are you typically required to attend for the following subjects?

Please enter a number in each row.

Number of class periods per week in English:

ST059Q01TA01

Number of class periods per week in mathematics:

ST059Q02TA01

Number of class periods per week in science:

ST059Q03TA01

Consistency check rule

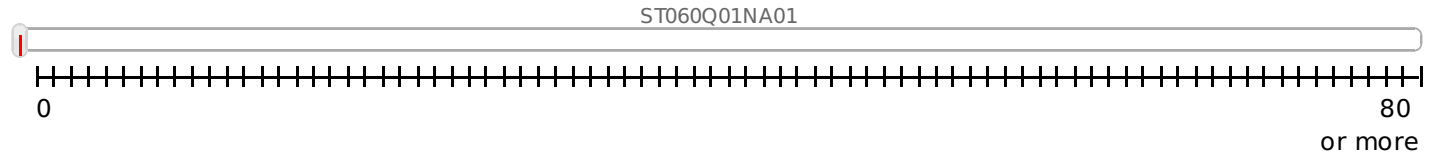
Rule: IF (^ST059Q01TA01 >15 or ^ST059Q02TA01 >15 or ^ST059Q03TA01 >15)

Message: Please review the values you entered.

In a normal, full week at school, how many class periods are you required to attend in total?

(Please move the slider to the number of class periods per week.)

Number of ALL class periods



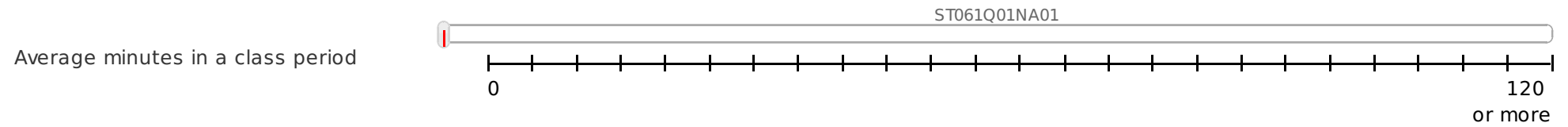
Consistency check rule

Rule: IF (^ST060Q01NA01 < 10 or ^ST060Q01NA01 >60)

Message: Please review the values you entered.

How many minutes, on average, are there in a class period?

(Please move the slider to the number of minutes per class period.)



Consistency check rule

Rule: IF (^ST061Q01NA01 < 10 OR ^ST061Q01NA01 >80)

Message: Please review the values you entered.

In the last two full weeks of school, how often did the following things occur?

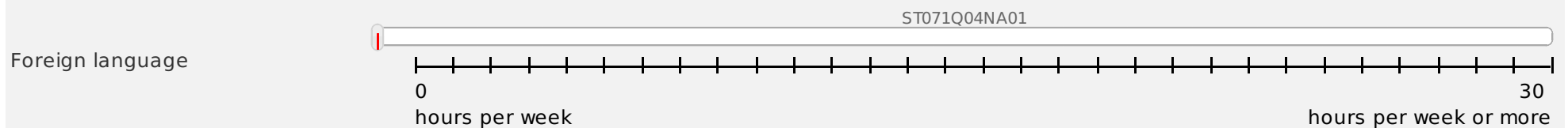
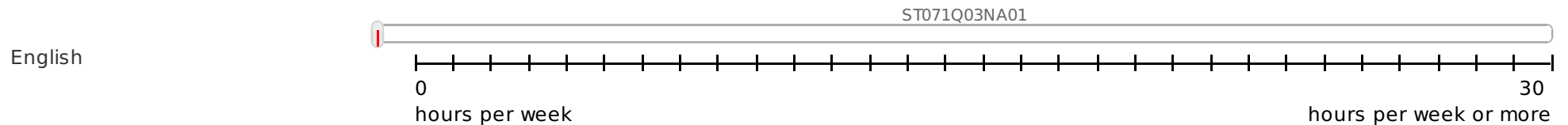
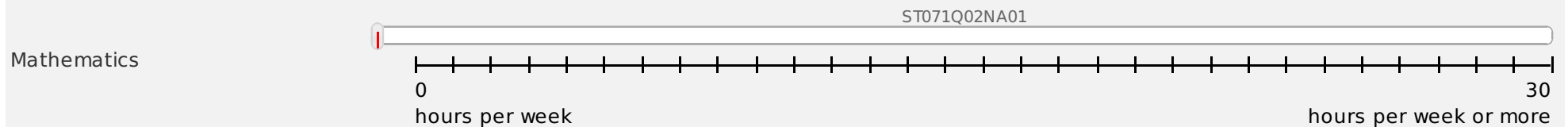
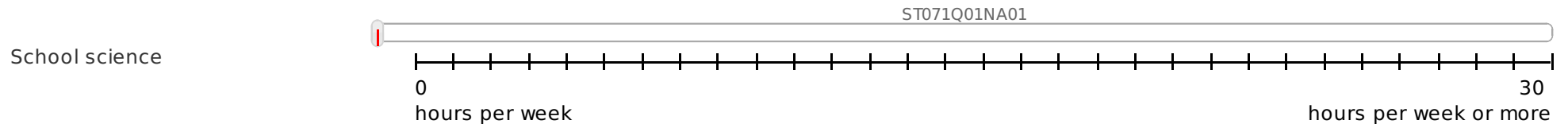
(Please select one response in each row.)

| | <i>None</i> | <i>One or two times</i> | <i>Three or four times</i> | <i>Five or more times</i> |
|------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| I skipped a whole school day | ST062Q01TA01 <input type="radio"/> | ST062Q01TA02 <input type="radio"/> | ST062Q01TA03 <input type="radio"/> | ST062Q01TA04 <input type="radio"/> |
| I skipped some classes | ST062Q02TA01 <input type="radio"/> | ST062Q02TA02 <input type="radio"/> | ST062Q02TA03 <input type="radio"/> | ST062Q02TA04 <input type="radio"/> |
| I arrived late for school | ST062Q03TA01 <input type="radio"/> | ST062Q03TA02 <input type="radio"/> | ST062Q03TA03 <input type="radio"/> | ST062Q03TA04 <input type="radio"/> |

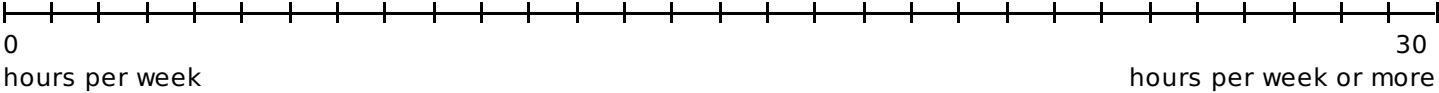
This school year, approximately how many hours per week do you spend learning in addition to your required school schedule in the following subjects?

(Please include the total hours for homework, additional instruction, and private study.)

(Please move the bar to the number of total hours. Select "0" (zero) if you do not do homework, study or practice for a subject.)



Other



Consistency check rule

Rule: IF (^ST071Q01NA01 >20 OR ^ST071Q02NA01 >20 OR ^ST071Q03NA01 >20 OR ^ST071Q04NA01 >20 OR ^ST071Q05NA01 >20)

Message: Please review the values you entered.

This school year, on average, how many days do you attend physical education classes each week?

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

ST031Q01NA01

Select...



- (ST031Q01NA01)
 - Select...
 - 0 days
 - 1 day
 - 2 days
 - 3 days
 - 4 days
 - 5 days

Outside of school, during the past 7 days, on how many days did you engage in the following?

(Please select one response from the drop-down menus to answer the questions.)

Moderate physical activities for a total of at least 60 minutes per day (e.g. walking, climbing stairs, riding a bike to school, skateboarding)

ST032Q01NA01

Select...

- Moderate physical activities for a total of at least 60 minutes per day (e.g. walking, climbing stairs, riding a bike to school, skateboarding) (ST032Q01NA01)
Select...
 - 0 days
 - 1 day
 - 2 days
 - 3 days
 - 4 days
 - 5 days
 - 6 days
 - 7 days

Vigorous physical activities for at least 20 minutes per day that made you sweat and breathe hard (e.g. running, cycling, aerobics, soccer, skating, swimming)

ST032Q02NA01

Select...

- Vigorous physical activities for at least 20 minutes per day that made you sweat and breathe hard (e.g. running, cycling, aerobics, soccer, skating, swimming) (ST032Q02NA01)
Select...
 - 0 days
 - 1 day
 - 2 days
 - 3 days
 - 4 days
 - 5 days
 - 6 days
 - 7 days



School science learning in school

Which of the following school science courses did you attend this school year or last school year?

(Please select all that apply in each row.)

| | <i>This year</i> | <i>Last year</i> |
|---|--|--|
| Physics | ST063Q01NA01 <input type="checkbox"/> | ST063Q01NB02 <input type="checkbox"/> |
| Chemistry | ST063Q02NA01 <input type="checkbox"/> | ST063Q02NB02 <input type="checkbox"/> |
| Biology | ST063Q03NA01 <input type="checkbox"/> | ST063Q03NB02 <input type="checkbox"/> |
| Applied sciences and technology (e.g. Design and Technology) | ST063Q05NA01 <input type="checkbox"/> | ST063Q05NB02 <input type="checkbox"/> |
| General, integrated, or comprehensive science course (e.g. Science (Physics/Chemistry), Science Syllabus T) | ST063Q06NA01 <input type="checkbox"/> | ST063Q06NB02 <input type="checkbox"/> |

Branching rule

Rule: IF (^ST063Q01NA01 >0 OR ^ST063Q02NA01 >0 OR ^ST063Q03NA01 >0 OR ^ST063Q05NA01 >0 OR ^ST063Q06NA01 >0) THEN GOTO ^ST064 ELSE GOTO ^STInfo6

To what extent can you choose the following for your school science courses?

(Please select one response in each row.)

| | <i>No, not at all</i> | <i>Yes, to a certain degree</i> | <i>Yes, I can choose freely</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|
| I can choose the school science course(s) I study. | ST064Q01NA01 <input type="radio"/> | ST064Q01NA02 <input type="radio"/> | ST064Q01NA03 <input type="radio"/> |
| I can choose the level of difficulty. | ST064Q02NA01 <input type="radio"/> | ST064Q02NA02 <input type="radio"/> | ST064Q02NA03 <input type="radio"/> |
| I can choose the number of school science courses or class periods. | ST064Q03NA01 <input type="radio"/> | ST064Q03NA02 <input type="radio"/> | ST064Q03NA03 <input type="radio"/> |

How often do these things happen in your school science lessons?

(Please select one response in each row.)

| | <i>Every lesson</i> | <i>Most lessons</i> | <i>Some lessons</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 quieten 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 school science topics at school, how often do the following activities occur?

(Please select one response in each row.)

| | <i>In all lessons</i> | <i>In most lessons</i> | <i>In some lessons</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 argue about science questions. | ST098Q03NA01 <input type="radio"/> | ST098Q03NA02 <input type="radio"/> | ST098Q03NA03 <input type="radio"/> | ST098Q03NA04 <input type="radio"/> |
| Students are asked to draw conclusions from an experiment that they have conducted. | ST098Q05TA01 <input type="radio"/> | ST098Q05TA02 <input type="radio"/> | ST098Q05TA03 <input type="radio"/> | ST098Q05TA04 <input type="radio"/> |
| The teacher explains how a school 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 broad 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"/> |



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

Examples of science subjects :

Pure Physics, Pure Chemistry, Pure Biology, Science (Physics), Science (Chemistry), Science (Biology), Science 'T', Lower Sec Science etc

What is the name of this school science subject?

(Please type in the name of the subject.)

ST065Q01NA01

How often do these things happen in your school science lessons?

(Please select one response in each row.)

| | <i>Every lesson</i> | <i>Most lessons</i> | <i>Some lessons</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"/> |

How often do these things happen in your lessons for this school science course?

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

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>Some lessons</i> | <i>Many lessons</i> | <i>Every lesson or almost every lesson</i> |
|--|---------------------------------------|---------------------------------------|---------------------------------------|--|
| The teacher explains scientific ideas. | ST103Q01NA01 <input type="radio"/> | ST103Q01NA02 <input type="radio"/> | ST103Q01NA03 <input type="radio"/> | ST103Q01NA04 <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"/> |
| The teacher discusses our questions. | ST103Q08NA01 <input type="radio"/> | ST103Q08NA02 <input type="radio"/> | ST103Q08NA03 <input type="radio"/> | ST103Q08NA04 <input type="radio"/> |
| The teacher demonstrates an idea. | ST103Q11NA01 <input type="radio"/> | ST103Q11NA02 <input type="radio"/> | ST103Q11NA03 <input type="radio"/> | ST103Q11NA04 <input type="radio"/> |

How often do these things happen in your lessons for this school science course?

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

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>Some lessons</i> | <i>Many lessons</i> | <i>Every lesson or almost every lesson</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 school 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 lessons for this school science course?

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

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>Some lessons</i> | <i>Many lessons</i> | <i>Every lesson or almost every lesson</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|--|
| The teacher adapts the lesson to my class's needs and knowledge. | 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 a topic or task. | 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"/> |

Your view on science

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 organisms (GMO) | ST092Q02TA01 <input type="radio"/> | ST092Q02TA02 <input type="radio"/> | ST092Q02TA03 <input type="radio"/> | ST092Q02TA04 <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"/> |
| Extinction of plants and animals | ST092Q08NA01 <input type="radio"/> | ST092Q08NA02 <input type="radio"/> | ST092Q08NA03 <input type="radio"/> | ST092Q08NA04 <input type="radio"/> |
| Water shortages | ST092Q09NA01 <input type="radio"/> | ST092Q09NA02 <input type="radio"/> | ST092Q09NA03 <input type="radio"/> | ST092Q09NA04 <input type="radio"/> |



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"/> |
| 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"/> |
| Water shortages | 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 organisms (GMO) | ST093Q08NA01 <input type="radio"/> | ST093Q08NA02 <input type="radio"/> | ST093Q08NA03 <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 broad science topics. | ST094Q01NA01 <input type="radio"/> | ST094Q01NA02 <input type="radio"/> | ST094Q01NA03 <input type="radio"/> | ST094Q01NA04 <input type="radio"/> |
| I like reading about broad science. | ST094Q02NA01 <input type="radio"/> | ST094Q02NA02 <input type="radio"/> | ST094Q02NA03 <input type="radio"/> | ST094Q02NA04 <input type="radio"/> |
| I am happy working on broad science topics. | ST094Q03NA01 <input type="radio"/> | ST094Q03NA02 <input type="radio"/> | ST094Q03NA03 <input type="radio"/> | ST094Q03NA04 <input type="radio"/> |
| I enjoy acquiring new knowledge in broad science. | ST094Q04NA01 <input type="radio"/> | ST094Q04NA02 <input type="radio"/> | ST094Q04NA03 <input type="radio"/> | ST094Q04NA04 <input type="radio"/> |
| I am interested in learning about broad 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 broad 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> |
|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Biosphere (e.g. ecosystem services, sustainability) | ST095Q04NA01 <input type="radio"/> | ST095Q04NA02 <input type="radio"/> | ST095Q04NA03 <input type="radio"/> | ST095Q04NA04 <input type="radio"/> | ST095Q04NA05 <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"/> |
| 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"/> |
| 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 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> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Making an effort in my school 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 school science subject(s) is important for me because I need this 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 my school 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 school 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"/> |

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 disagree or agree with the statements below?

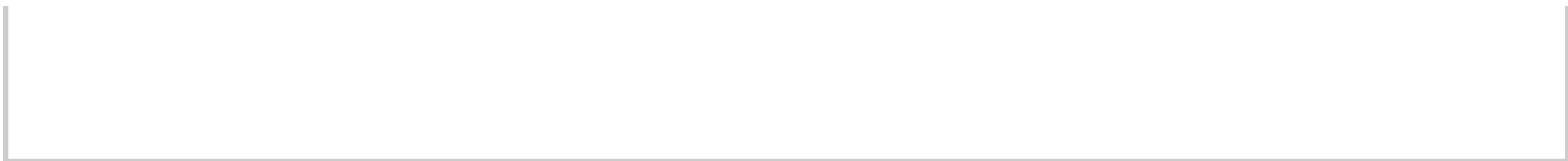
(Please select one response in each row.)

| | <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"/> |
| Ideas in broad 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"/> |
| 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"/> |
| Sometimes broad 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"/> |
| The ideas in broad science books sometimes change. | ST131Q11NA01 <input type="radio"/> | ST131Q11NA02 <input type="radio"/> | ST131Q11NA03 <input type="radio"/> | ST131Q11NA04 <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 broad science | ST146Q01TA01 <input type="radio"/> | ST146Q01TA02 <input type="radio"/> | ST146Q01TA03 <input type="radio"/> | ST146Q01TA04 <input type="radio"/> |
| Borrow or buy books on broad science topics | ST146Q02TA01 <input type="radio"/> | ST146Q02TA02 <input type="radio"/> | ST146Q02TA03 <input type="radio"/> | ST146Q02TA04 <input type="radio"/> |
| Visit websites about broad science topics | ST146Q03TA01 <input type="radio"/> | ST146Q03TA02 <input type="radio"/> | ST146Q03TA03 <input type="radio"/> | ST146Q03TA04 <input type="radio"/> |
| Read broad science magazines or science articles in newspapers | ST146Q04TA01 <input type="radio"/> | ST146Q04TA02 <input type="radio"/> | ST146Q04TA03 <input type="radio"/> | ST146Q04TA04 <input type="radio"/> |
| Attend a science club or science interest-group meetings | 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 (e.g. NParks website) | ST146Q08NA01 <input type="radio"/> | ST146Q08NA02 <input type="radio"/> | ST146Q08NA03 <input type="radio"/> | ST146Q08NA04 <input type="radio"/> |
| Follow news of science, environmental, or ecology organizations via blogs and microblogging | ST146Q09NA01 <input type="radio"/> | ST146Q09NA02 <input type="radio"/> | ST146Q09NA03 <input type="radio"/> | ST146Q09NA04 <input type="radio"/> |



On the most recent day you attended school, did you do any of the following before going to school?

(Please select one response in each row.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| Eat breakfast | ST076Q01NA01 <input type="radio"/> | ST076Q01NA02 <input type="radio"/> |
| Study for school or homework | ST076Q02NA01 <input type="radio"/> | ST076Q02NA02 <input type="radio"/> |
| Watch TV/DVD/Video | ST076Q03NA01 <input type="radio"/> | ST076Q03NA02 <input type="radio"/> |
| Read a book/newspaper/magazine | ST076Q04NA01 <input type="radio"/> | ST076Q04NA02 <input type="radio"/> |
| Internet/Chat/Social networks (e.g. Facebook, Twitter) | ST076Q05NA01 <input type="radio"/> | ST076Q05NA02 <input type="radio"/> |
| Play video-games | ST076Q06NA01 <input type="radio"/> | ST076Q06NA02 <input type="radio"/> |
| Meet friends or talk to friends on the phone | ST076Q07NA01 <input type="radio"/> | ST076Q07NA02 <input type="radio"/> |
| Talk to your parents | ST076Q08NA01 <input type="radio"/> | ST076Q08NA02 <input type="radio"/> |
| Work in the household or take care of other family members | ST076Q09NA01 <input type="radio"/> | ST076Q09NA02 <input type="radio"/> |
| Work for pay | ST076Q10NA01 <input type="radio"/> | ST076Q10NA02 <input type="radio"/> |

Exercise or practice a sport

ST076Q11NA01
☐

ST076Q11NA02
☐

On the most recent day you attended school, did you do any of the following after leaving school?

(Please select one response in each row.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| Eat dinner | ST078Q01NA01 <input type="radio"/> | ST078Q01NA02 <input type="radio"/> |
| Study for school or homework | ST078Q02NA01 <input type="radio"/> | ST078Q02NA02 <input type="radio"/> |
| Watch TV/DVD/Video | ST078Q03NA01 <input type="radio"/> | ST078Q03NA02 <input type="radio"/> |
| Read a book/newspaper/magazine | ST078Q04NA01 <input type="radio"/> | ST078Q04NA02 <input type="radio"/> |
| Internet/Chat/Social networks (e.g. Facebook, Twitter) | ST078Q05NA01 <input type="radio"/> | ST078Q05NA02 <input type="radio"/> |
| Play video-games | ST078Q06NA01 <input type="radio"/> | ST078Q06NA02 <input type="radio"/> |
| Meet friends or talk to friends on the phone | ST078Q07NA01 <input type="radio"/> | ST078Q07NA02 <input type="radio"/> |
| Talk to your parents | ST078Q08NA01 <input type="radio"/> | ST078Q08NA02 <input type="radio"/> |
| Work in the household or take care of other family members | ST078Q09NA01 <input type="radio"/> | ST078Q09NA02 <input type="radio"/> |
| Work for pay | ST078Q10NA01 <input type="radio"/> | ST078Q10NA02 <input type="radio"/> |

Exercise or practice a sport

ST078Q11NA01



ST078Q11NA02



How often do you do these things?

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>A few times a year</i> | <i>A few times a month</i> | <i>Once a week or more</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Go on science-related field trips (e.g. the Science Centre, science museums, nature parks/walks, zoos, bird-park, aquarium, oceanarium) | ST151A01NA01 <input type="radio"/> | ST151A01NA02 <input type="radio"/> | ST151A01NA03 <input type="radio"/> | ST151A01NA04 <input type="radio"/> |
| Participate in science-related activities (science fair, science attachment, science camp or science quiz) | ST151A02NA01 <input type="radio"/> | ST151A02NA02 <input type="radio"/> | ST151A02NA03 <input type="radio"/> | ST151A02NA04 <input type="radio"/> |

Do you study the following Geography subjects?

(Please select one response in each row.)

| | <i>Yes</i> | <i>No</i> |
|--|---------------------------------------|---------------------------------------|
| Geography | ST152A01TA01 <input type="radio"/> | ST152A01TA02 <input type="radio"/> |
| Combined Humanities - Geography Elective | ST152A02TA01 <input type="radio"/> | ST152A02TA02 <input type="radio"/> |

Consistency check rule

Rule: IF ((^ST152A01TA01=1) AND (^ST152A02TA01 =1))

Message: You cannot take both Geography and Combined Humanities - Geography Elective at the same time.

How often do you do these things?

(Please select one response in each row.)

| | <i>Never or almost never</i> | <i>Sometimes</i> | <i>Often</i> | <i>Very often</i> |
|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Read magazines related to earth science (e.g. National Geographic) | ST153A01NA01 <input type="radio"/> | ST153A01NA02 <input type="radio"/> | ST153A01NA03 <input type="radio"/> | ST153A01NA04 <input type="radio"/> |
| Watch related documentaries on television | ST153A02NA01 <input type="radio"/> | ST153A02NA02 <input type="radio"/> | ST153A02NA03 <input type="radio"/> | ST153A02NA04 <input type="radio"/> |
| Take part in Earth Science/ Geography related activities in school (e.g. Geography club, field trips) | ST153A03NA01 <input type="radio"/> | ST153A03NA02 <input type="radio"/> | ST153A03NA03 <input type="radio"/> | ST153A03NA04 <input type="radio"/> |

You are now ready to proceed to the next section.