

## **Appendix C: Data Collection Instruments (including Student Locator Questions)**

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PISA 2015 Main Study  
School Questionnaire

## School Questionnaire

*Dear school administrator,*

*Thank you for participating in this study.*

*This questionnaire asks for information about:*

- *School background information*
- *School management*
- *Teaching staff*
- *Assessment and evaluation*
- *Targeted groups*
- *School climate*

*This information helps illustrate the similarities and differences between groups of schools in order to better establish the context for students' test results. For example, the information provided may help to establish what effect the availability of resources may have on student achievement - both within and between countries.*

*The questionnaire should be completed by the principal or designate. It should take about 45 minutes to complete.*

***For some questions specific expertise may be needed. You may consult experts to help you answer these questions.***

*If you do not know an answer precisely, your best estimate will be adequate for the purpose of the study.*

*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 answers from other principals to calculate totals and averages. All information (or responses) you provide may only be used for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law [Education Science Reform Act of 2002 (ESRA 2002), 20 U.S. Code, Section 9573].***

*To answer questions in this questionnaire, please consider the following definition:*

*Science includes the domains of physics, chemistry, earth and space sciences, biology, applied sciences and technology either taught in your curriculum as separate science subjects, or taught within a single 'integrated-science' subject. It does NOT include related subjects such as mathematics, psychology, economics, nor geography.*

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**School Questionnaire**

**School background information**

## School Questionnaire

Which of the following definitions best describes the community in which your school is located?

*(Please select one response.)*

A village, hamlet or rural area (fewer than 3,000 people)

SC001Q001TA01

A small town (3, 000 to about 15, 000 people)

SC001Q001TA02

A town (15, 000 to about 100, 000 people)

SC001Q001TA03

A city (100, 000 to about 1, 000 000 people)

SC001Q001TA04

A large city (with over 1, 000 000 people)

SC001Q001TA05

## School Questionnaire

**As of February 1, 2015, what was the total school enrollment (number of students)?**

*(Please enter a number for each response. Enter "0" (zero) if there are none.)*

Number of boys:

SC002Q01TA01

Number of girls:

SC002Q02TA01

## School Questionnaire

**What is the average size of English classes in the 10th grade in your school?**

*(Please select one response.)*

15 students or fewer

SC003Q01TA01

16-20 students

SC003Q01TA02

21-25 students

SC003Q01TA03

26-30 students

SC003Q01TA04

31-35 students

SC003Q01TA05

36-40 students

SC003Q01TA06

41-45 students

SC003Q01TA07

46-50 students

SC003Q01TA08

More than 50 students

SC003Q01TA09

**School Questionnaire**

**Approximately what percentage of students at this school last year were eligible for free - or reduced - price lunches through the National School Lunch Program?**

*(Please enter a number. Type 0 (zero) if there are none.)*

---

Percentage of students eligible

SC801A01NA01



## School Questionnaire

The goal of the following set of questions is to gather information about the student-computer ratio for students in the 10th grade at your school.

(Please enter a number for each response. Enter "0" (zero) if there are none.)

Number

At your school, what is the total number of students in the 10th grade?

SC004Q01TA01

Approximately how many computers are available for these students for educational purposes?

SC004Q02TA01

Approximately how many of these computers are connected to the Internet?

SC004Q03TA01

Approximately how many of these computers are portable (e.g., laptop, tablet)?

SC004Q04NA01

About how many interactive whiteboards are available in the school altogether?

SC004Q05NA01

About how many data projectors are available in the school altogether?

SC004Q06NA01

About how many computers with internet connection are available **for teachers** in your school?

SC004Q07NA01

## School Questionnaire

**In this academic year, which of the following activities does your school offer to students in the 10th grade?**

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

	Yes	No
Band, orchestra or choir	SC053Q01TA01 <input type="radio"/>	SC053Q01TA02 <input type="radio"/>
School play or school musical	SC053Q02TA01 <input type="radio"/>	SC053Q02TA02 <input type="radio"/>
School yearbook, newspaper or magazine	SC053Q03TA01 <input type="radio"/>	SC053Q03TA02 <input type="radio"/>
Volunteering or community service activities	SC053Q04TA01 <input type="radio"/>	SC053Q04TA02 <input type="radio"/>
Science club	SC053Q05NA01 <input type="radio"/>	SC053Q05NA02 <input type="radio"/>
Science competitions (e.g., science fair)	SC053Q06NA01 <input type="radio"/>	SC053Q06NA02 <input type="radio"/>
Chess club	SC053Q07TA01 <input type="radio"/>	SC053Q07TA02 <input type="radio"/>
Club with a focus on computers/ Information and Communication Technology	SC053Q08TA01 <input type="radio"/>	SC053Q08TA02 <input type="radio"/>
Art club or art activities	SC053Q09TA01 <input type="radio"/>	SC053Q09TA02 <input type="radio"/>
Sports team or sports activities	SC053Q10TA01 <input type="radio"/>	SC053Q10TA02 <input type="radio"/>

## School Questionnaire

### Which of the following is true for the science department of your school?

(Please select one response in each row.)

	Yes	No
Compared to other departments, our school's science department is well equipped.	SC059Q01NA01 <input type="radio"/>	SC059Q01NA02 <input type="radio"/>
If we ever have some extra funding, a big share goes into improvement of our science teaching.	SC059Q02NA01 <input type="radio"/>	SC059Q02NA02 <input type="radio"/>
Science teachers are among our best educated staff members.	SC059Q03NA01 <input type="radio"/>	SC059Q03NA02 <input type="radio"/>
Compared to similar schools, we have a well equipped laboratory.	SC059Q04NA01 <input type="radio"/>	SC059Q04NA02 <input type="radio"/>
The material for hands-on activities in science is in good shape.	SC059Q05NA01 <input type="radio"/>	SC059Q05NA02 <input type="radio"/>
We have enough laboratory material that all courses can regularly use it.	SC059Q06NA01 <input type="radio"/>	SC059Q06NA02 <input type="radio"/>
We have extra laboratory staff that helps support science teaching.	SC059Q07NA01 <input type="radio"/>	SC059Q07NA02 <input type="radio"/>
Our school spends extra money on up-to-date science equipment.	SC059Q08NA01 <input type="radio"/>	SC059Q08NA02 <input type="radio"/>

## School Questionnaire

**For 15-year-old students, does your school provide the following study help?**

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

	Yes	No
Room(s) where the students can do their homework	SC052Q01NA01 <input type="radio"/>	SC052Q01NA02 <input type="radio"/>
Staff help with homework	SC052Q02NA01 <input type="radio"/>	SC052Q02NA02 <input type="radio"/>

**School Questionnaire**

**School Management**

## School Questionnaire

**Below are statements about your management of this school. Please indicate the frequency of the following activities and behaviors in your school during 2012-2013 academic year.**

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

	<i>Did not occur</i>	<i>1-2 times during the year</i>	<i>3-4 times during the year</i>	<i>Once a month</i>	<i>Once a week</i>	<i>More than once a week</i>
I use student performance results to develop the school's educational goals.	SC009Q01TA01 <input type="radio"/>	SC009Q01TA02 <input type="radio"/>	SC009Q01TA03 <input type="radio"/>	SC009Q01TA04 <input type="radio"/>	SC009Q01TA05 <input type="radio"/>	SC009Q01TA06 <input type="radio"/>
I make sure that the professional development activities of teachers are in accordance with the teaching goals of the school.	SC009Q02TA01 <input type="radio"/>	SC009Q02TA02 <input type="radio"/>	SC009Q02TA03 <input type="radio"/>	SC009Q02TA04 <input type="radio"/>	SC009Q02TA05 <input type="radio"/>	SC009Q02TA06 <input type="radio"/>
I ensure that teachers work according to the school's educational goals.	SC009Q03TA01 <input type="radio"/>	SC009Q03TA02 <input type="radio"/>	SC009Q03TA03 <input type="radio"/>	SC009Q03TA04 <input type="radio"/>	SC009Q03TA05 <input type="radio"/>	SC009Q03TA06 <input type="radio"/>
I promote teaching practices based on recent educational research.	SC009Q04TA01 <input type="radio"/>	SC009Q04TA02 <input type="radio"/>	SC009Q04TA03 <input type="radio"/>	SC009Q04TA04 <input type="radio"/>	SC009Q04TA05 <input type="radio"/>	SC009Q04TA06 <input type="radio"/>
I praise teachers whose students are actively participating in learning.	SC009Q05TA01 <input type="radio"/>	SC009Q05TA02 <input type="radio"/>	SC009Q05TA03 <input type="radio"/>	SC009Q05TA04 <input type="radio"/>	SC009Q05TA05 <input type="radio"/>	SC009Q05TA06 <input type="radio"/>
When a teacher has problems in his/her classroom, I take the initiative to discuss matters.	SC009Q06TA01 <input type="radio"/>	SC009Q06TA02 <input type="radio"/>	SC009Q06TA03 <input type="radio"/>	SC009Q06TA04 <input type="radio"/>	SC009Q06TA05 <input type="radio"/>	SC009Q06TA06 <input type="radio"/>
I draw teachers' attention to the importance of students' development of critical and social capacities.	SC009Q07TA01 <input type="radio"/>	SC009Q07TA02 <input type="radio"/>	SC009Q07TA03 <input type="radio"/>	SC009Q07TA04 <input type="radio"/>	SC009Q07TA05 <input type="radio"/>	SC009Q07TA06 <input type="radio"/>
I pay attention to disruptive behavior in classrooms.	SC009Q08TA01 <input type="radio"/>	SC009Q08TA02 <input type="radio"/>	SC009Q08TA03 <input type="radio"/>	SC009Q08TA04 <input type="radio"/>	SC009Q08TA05 <input type="radio"/>	SC009Q08TA06 <input type="radio"/>

## School Questionnaire

I provide staff with opportunities to participate in school decision-making.	SC009Q09TA01 <input type="radio"/>	SC009Q09TA02 <input type="radio"/>	SC009Q09TA03 <input type="radio"/>	SC009Q09TA04 <input type="radio"/>	SC009Q09TA05 <input type="radio"/>	SC009Q09TA06 <input type="radio"/>
I engage teachers to help build a school culture of continuous improvement.	SC009Q10TA01 <input type="radio"/>	SC009Q10TA02 <input type="radio"/>	SC009Q10TA03 <input type="radio"/>	SC009Q10TA04 <input type="radio"/>	SC009Q10TA05 <input type="radio"/>	SC009Q10TA06 <input type="radio"/>
I ask teachers to participate in reviewing management practices.	SC009Q11TA01 <input type="radio"/>	SC009Q11TA02 <input type="radio"/>	SC009Q11TA03 <input type="radio"/>	SC009Q11TA04 <input type="radio"/>	SC009Q11TA05 <input type="radio"/>	SC009Q11TA06 <input type="radio"/>
When a teacher brings up a classroom problem, we solve the problem together.	SC009Q12TA01 <input type="radio"/>	SC009Q12TA02 <input type="radio"/>	SC009Q12TA03 <input type="radio"/>	SC009Q12TA04 <input type="radio"/>	SC009Q12TA05 <input type="radio"/>	SC009Q12TA06 <input type="radio"/>
I discuss the school's academic goals with teachers at faculty meetings.	SC009Q13TA01 <input type="radio"/>	SC009Q13TA02 <input type="radio"/>	SC009Q13TA03 <input type="radio"/>	SC009Q13TA04 <input type="radio"/>	SC009Q13TA05 <input type="radio"/>	SC009Q13TA06 <input type="radio"/>

## School Questionnaire

### Regarding your school, who has a considerable responsibility for the following tasks?

(Please select as many boxes as appropriate in each row.)

	<i>Principal</i>	<i>Teachers</i>	<i>School-level governing board</i>	<i>Local education agency</i>	<i>State education agency</i>	<i>U.S. Dept. of Education</i>
Selecting teachers for hire	SC010Q01TA01 <input type="checkbox"/>	SC010Q01TB01 <input type="checkbox"/>	SC010Q01TC01 <input type="checkbox"/>	SC010Q01TD01 <input type="checkbox"/>	SC010Q01TE01 <input type="checkbox"/>	SC010Q01T01 <input type="checkbox"/>
Firing teachers	SC010Q02TA01 <input type="checkbox"/>	SC010Q02TB01 <input type="checkbox"/>	SC010Q02TC01 <input type="checkbox"/>	SC010Q02TD01 <input type="checkbox"/>	SC010Q02TE01 <input type="checkbox"/>	SC010Q02T01 <input type="checkbox"/>
Establishing teachers' starting salaries	SC010Q03TA01 <input type="checkbox"/>	SC010Q03TB01 <input type="checkbox"/>	SC010Q03TC01 <input type="checkbox"/>	SC010Q03TD01 <input type="checkbox"/>	SC010Q03TE01 <input type="checkbox"/>	SC010Q03T01 <input type="checkbox"/>
Determining teachers' salary increases	SC010Q04TA01 <input type="checkbox"/>	SC010Q04TB01 <input type="checkbox"/>	SC010Q04TC01 <input type="checkbox"/>	SC010Q04TD01 <input type="checkbox"/>	SC010Q04TE01 <input type="checkbox"/>	SC010Q04T01 <input type="checkbox"/>
Formulating the school budget	SC010Q05TA01 <input type="checkbox"/>	SC010Q05TB01 <input type="checkbox"/>	SC010Q05TC01 <input type="checkbox"/>	SC010Q05TD01 <input type="checkbox"/>	SC010Q05TE01 <input type="checkbox"/>	SC010Q05T01 <input type="checkbox"/>
Deciding on budget allocations within the school	SC010Q06TA01 <input type="checkbox"/>	SC010Q06TB01 <input type="checkbox"/>	SC010Q06TC01 <input type="checkbox"/>	SC010Q06TD01 <input type="checkbox"/>	SC010Q06TE01 <input type="checkbox"/>	SC010Q06T01 <input type="checkbox"/>
Establishing student disciplinary policies	SC010Q07TA01 <input type="checkbox"/>	SC010Q07TB01 <input type="checkbox"/>	SC010Q07TC01 <input type="checkbox"/>	SC010Q07TD01 <input type="checkbox"/>	SC010Q07TE01 <input type="checkbox"/>	SC010Q07T01 <input type="checkbox"/>
Establishing student assessment policies	SC010Q08TA01 <input type="checkbox"/>	SC010Q08TB01 <input type="checkbox"/>	SC010Q08TC01 <input type="checkbox"/>	SC010Q08TD01 <input type="checkbox"/>	SC010Q08TE01 <input type="checkbox"/>	SC010Q08T01 <input type="checkbox"/>
Approving students for admission to the school	SC010Q09TA01 <input type="checkbox"/>	SC010Q09TB01 <input type="checkbox"/>	SC010Q09TC01 <input type="checkbox"/>	SC010Q09TD01 <input type="checkbox"/>	SC010Q09TE01 <input type="checkbox"/>	SC010Q09T01 <input type="checkbox"/>



## School Questionnaire

Choosing which textbooks are used	SC010Q10TA01 <input type="checkbox"/>	SC010Q10TB01 <input type="checkbox"/>	SC010Q10TC01 <input type="checkbox"/>	SC010Q10TD01 <input type="checkbox"/>	SC010Q10TE01 <input type="checkbox"/>	SC010Q10T01 <input type="checkbox"/>
Determining course content	SC010Q11TA01 <input type="checkbox"/>	SC010Q11TB01 <input type="checkbox"/>	SC010Q11TC01 <input type="checkbox"/>	SC010Q11TD01 <input type="checkbox"/>	SC010Q11TE01 <input type="checkbox"/>	SC010Q11T01 <input type="checkbox"/>
Deciding which courses are offered	SC010Q12TA01 <input type="checkbox"/>	SC010Q12TB01 <input type="checkbox"/>	SC010Q12TC01 <input type="checkbox"/>	SC010Q12TD01 <input type="checkbox"/>	SC010Q12TE01 <input type="checkbox"/>	SC010Q12T01 <input type="checkbox"/>

## School Questionnaire

**How often are the following factors considered when students are admitted to your school?**

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

	<i>Never</i>	<i>Sometimes</i>	<i>Always</i>
Student's record of academic performance (including placement tests)	SC012Q01TA01 <input type="radio"/>	SC012Q01TA02 <input type="radio"/>	SC012Q01TA03 <input type="radio"/>
Recommendation of feeder schools	SC012Q02TA01 <input type="radio"/>	SC012Q02TA02 <input type="radio"/>	SC012Q02TA03 <input type="radio"/>
Parents' endorsement of the instructional or religious philosophy of the school	SC012Q03TA01 <input type="radio"/>	SC012Q03TA02 <input type="radio"/>	SC012Q03TA03 <input type="radio"/>
Whether the student requires or is interested in a special program	SC012Q04TA01 <input type="radio"/>	SC012Q04TA02 <input type="radio"/>	SC012Q04TA03 <input type="radio"/>
Preference given to family members of current or former students	SC012Q05TA01 <input type="radio"/>	SC012Q05TA02 <input type="radio"/>	SC012Q05TA03 <input type="radio"/>
Residence in a particular area	SC012Q06TA01 <input type="radio"/>	SC012Q06TA02 <input type="radio"/>	SC012Q06TA03 <input type="radio"/>
Other	SC012Q07TA01 <input type="radio"/>	SC012Q07TA02 <input type="radio"/>	SC012Q07TA03 <input type="radio"/>

## School Questionnaire

**Is your school a public or a private school?**

*(Please select one response.)*

A public school

SC013Q01TA01

A private school

SC013Q01TA02

## School Questionnaire

### What kind of organization runs your school?

*(Please select one response.)*

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A church or other religious organization

SC014Q01NA01

Another not-for-profit organization

SC014Q01NA02

A for-profit organization

SC014Q01NA03

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## School Questionnaire

**About what percentage of your total funding for a typical school year comes from the following sources?**

*(Please enter a number for each response. Enter "0" (zero) if there are none.)*

%

Government (includes local, state and federal)

SC016Q01TA01

Tuition, student fees or school charges paid by parents

SC016Q02TA01

Benefactors, donations, bequests, sponsorships, parent fundraising

SC016Q03TA01

Other

SC016Q04TA01

## School Questionnaire

**Is your school's capacity to provide instruction hindered by any of the following issues?**

(Please select one response in each row.)

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
A lack of teaching staff.	SC017Q01NA01 <input type="radio"/>	SC017Q01NA02 <input type="radio"/>	SC017Q01NA03 <input type="radio"/>	SC017Q01NA04 <input type="radio"/>
Inadequate or poorly qualified teaching staff.	SC017Q02NA01 <input type="radio"/>	SC017Q02NA02 <input type="radio"/>	SC017Q02NA03 <input type="radio"/>	SC017Q02NA04 <input type="radio"/>
A lack of assisting staff.	SC017Q03NA01 <input type="radio"/>	SC017Q03NA02 <input type="radio"/>	SC017Q03NA03 <input type="radio"/>	SC017Q03NA04 <input type="radio"/>
Inadequate or poorly qualified assisting staff.	SC017Q04NA01 <input type="radio"/>	SC017Q04NA02 <input type="radio"/>	SC017Q04NA03 <input type="radio"/>	SC017Q04NA04 <input type="radio"/>
A lack of educational material (e.g., textbooks, IT equipment, library or laboratory material).	SC017Q05NA01 <input type="radio"/>	SC017Q05NA02 <input type="radio"/>	SC017Q05NA03 <input type="radio"/>	SC017Q05NA04 <input type="radio"/>
Inadequate or poor quality educational material (e.g., textbooks, IT equipment, library or laboratory material).	SC017Q06NA01 <input type="radio"/>	SC017Q06NA02 <input type="radio"/>	SC017Q06NA03 <input type="radio"/>	SC017Q06NA04 <input type="radio"/>
A lack of physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	SC017Q07NA01 <input type="radio"/>	SC017Q07NA02 <input type="radio"/>	SC017Q07NA03 <input type="radio"/>	SC017Q07NA04 <input type="radio"/>
Inadequate or poor quality physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	SC017Q08NA01 <input type="radio"/>	SC017Q08NA02 <input type="radio"/>	SC017Q08NA03 <input type="radio"/>	SC017Q08NA04 <input type="radio"/>

**Teaching Staff**

## School Questionnaire

### How many of the following teachers are on the staff of your school?

**Include both full-time and part-time teachers.** A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part time.

Regarding the qualification level, please refer only to the teacher's **highest qualification level**.

(Please enter a number in each space provided. Enter "0" (zero) if there are none.)

	Full-time	Part-time
Teachers in TOTAL	SC018Q01TA01 <input type="text"/>	SC018Q01TA02 <input type="text"/>
Teachers fully certified by the state in their main assignment field	SC018Q02TA01 <input type="text"/>	SC018Q02TA02 <input type="text"/>
Teachers with a bachelor's degree	SC018Q05NA01 <input type="text"/>	SC018Q05NA02 <input type="text"/>
Teachers with a master's degree	SC018Q06NA01 <input type="text"/>	SC018Q06NA02 <input type="text"/>
Teachers with a doctoral degree or professional degree (e.g., J.D. or M.D)	SC018Q07NA01 <input type="text"/>	SC018Q07NA02 <input type="text"/>



## School Questionnaire

**How many of the following teachers are on the science staff of your school?**

**Include both full-time and part-time teachers.** A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.

(Please enter a number in each space provided. Enter "0" (zero) if there are none.)

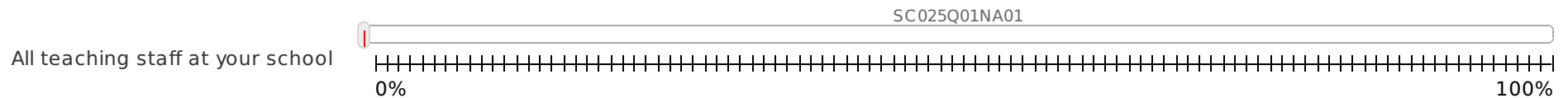
	<i>Full-time</i>	<i>Part-time</i>
Science teachers in TOTAL	SC019Q01NA01 <input type="text"/>	SC019Q01NA02 <input type="text"/>
Science teachers fully certified by the state in their main assignment field	SC019Q02NA01 <input type="text"/>	SC019Q02NA02 <input type="text"/>
Science teachers with at least a bachelor's degree with a major in science	SC019Q03NA01 <input type="text"/>	SC019Q03NA02 <input type="text"/>

## School Questionnaire

**During the last three months, what percentage of teaching staff in your school has attended a program of professional development?**

*A program of professional development here is a formal program designed to enhance teaching skills or pedagogical practices. It may or may not lead to a recognized qualification. The program must last for at least one day in total and have a focus on teaching and education.*

*(Please move the slider to the appropriate percentage. If none of your teachers participated in any professional development activities select "0" (zero).)*



## School Questionnaire

**Which of the following types of in-house professional development exist at your school?**

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

	Yes	No
The teachers in our school cooperate by exchanging ideas or material when teaching specific units or series of lessons.	SC027Q01NA01 <input type="radio"/>	SC027Q01NA02 <input type="radio"/>
Our school invites specialists to conduct in-service training for teachers.	SC027Q02NA01 <input type="radio"/>	SC027Q02NA02 <input type="radio"/>
Our school organizes in-service workshops which deal with specific issues that our school faces.	SC027Q03NA01 <input type="radio"/>	SC027Q03NA02 <input type="radio"/>
Our school organizes in-service workshops for specific groups of teachers (e.g., newly appointed teachers).	SC027Q04NA01 <input type="radio"/>	SC027Q04NA02 <input type="radio"/>

**Assessment and Evaluation**

## School Questionnaire

**During the last academic year, have any of the following methods been used to monitor the practice of teachers at your school?**

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

	Yes	No
Tests or assessments of student achievement	SC032Q01TA01 <input type="radio"/>	SC032Q01TA02 <input type="radio"/>
Teacher peer review (of lesson plans, assessment instruments, lessons)	SC032Q02TA01 <input type="radio"/>	SC032Q02TA02 <input type="radio"/>
Principal or senior staff observations of lessons	SC032Q03TA01 <input type="radio"/>	SC032Q03TA02 <input type="radio"/>
Observation of classes by inspectors or other persons external to the school	SC032Q04TA01 <input type="radio"/>	SC032Q04TA02 <input type="radio"/>

## School Questionnaire

**Generally, in your school, how often are students in the 10th grade assessed using the following methods?**

*(If you need further explanation of the term "standardized tests," please use the help button.)*

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

Standardized tests are consistent in design, content, administration and scoring. Results can be compared across students and schools.

	<i>Never</i>	<i>1-2 times a year</i>	<i>3-5 times a year</i>	<i>Monthly</i>	<i>More than once a month</i>
Mandatory standardized tests (e.g., state assessment in your state)	SC034Q01NA01 <input type="radio"/>	SC034Q01NA02 <input type="radio"/>	SC034Q01NA03 <input type="radio"/>	SC034Q01NA04 <input type="radio"/>	SC034Q01NA05 <input type="radio"/>
Non-mandatory standardized tests (e.g., publicly or commercial available standardized test material like the SAT or ACT)	SC034Q02NA01 <input type="radio"/>	SC034Q02NA02 <input type="radio"/>	SC034Q02NA03 <input type="radio"/>	SC034Q02NA04 <input type="radio"/>	SC034Q02NA05 <input type="radio"/>
Teacher-developed tests	SC034Q03TA01 <input type="radio"/>	SC034Q03TA02 <input type="radio"/>	SC034Q03TA03 <input type="radio"/>	SC034Q03TA04 <input type="radio"/>	SC034Q03TA05 <input type="radio"/>
Teachers' judgmental ratings	SC034Q04TA01 <input type="radio"/>	SC034Q04TA02 <input type="radio"/>	SC034Q04TA03 <input type="radio"/>	SC034Q04TA04 <input type="radio"/>	SC034Q04TA05 <input type="radio"/>

## School Questionnaire

**In your school, are standardized tests and/or teacher-developed tests of students in 10th grade used for any of the following purposes?**

*(If you need further explanation of the term "standardized tests," please use the help button.)*

*(Please select either "yes" or "no" to indicate the use of standardized tests and teacher-developed tests for each of the specified purposes.)*

The term standardized tests includes standardised mandatory tests (mandated e.g., by national, state or district authorities) as well as standardized non-mandatory tests (e.g., publicly or commercial available standardized test material). These tests are consistent in design, content, administration and scoring. Results can be compared across students and schools.

	Standardized tests	Teacher-developed tests
To guide students' learning	SC035Q01NA01 Select... ▾	SC035Q01NB01 Select... ▾
<ul style="list-style-type: none"><li>To guide students' learning ( SC035Q01NB01 ) Select... Yes No</li></ul>		
<ul style="list-style-type: none"><li>To guide students' learning ( SC035Q01NA01 ) Select... Yes No</li></ul>		
To inform parents about their child's progress	SC035Q02TA01 Select... ▾	SC035Q02TB01 Select... ▾
<ul style="list-style-type: none"><li>To inform parents about their child's progress ( SC035Q02TB01 ) Select... Yes No</li></ul>		
<ul style="list-style-type: none"><li>To inform parents about their child's progress ( SC035Q02TA01 ) Select...</li></ul>		

## School Questionnaire

Yes  
No

To make decisions about students' retention or promotion

SC035Q03TA01

Select...

SC035Q03TB01

Select...

- To make decisions about students' retention or promotion ( SC035Q03TB01 )

Select...

Yes

No

- To make decisions about students' retention or promotion ( SC035Q03TA01 )

Select...

Yes

No

To group students for instructional purposes

SC035Q04TA01

Select...

SC035Q04TB01

Select...

- To group students for instructional purposes ( SC035Q04TB01 )

Select...

Yes

No

- To group students for instructional purposes ( SC035Q04TA01 )

Select...

Yes

No

To compare the school to district, state, or national performance

SC035Q05TA01

Select...

SC035Q05TB01

Select...

- To compare the school to district, state, or national performance ( SC035Q05TB01 )

Select...

Yes

No

- To compare the school to district, state, or national performance ( SC035Q05TA01 )

Select...

Yes

No



## School Questionnaire

To monitor the school's progress from year to year

SC035Q06TA01

Select...

SC035Q06TB01

Select...

- To monitor the school's progress from year to year ( SC035Q06TB01 )

Select...

Yes

No

- To monitor the school's progress from year to year ( SC035Q06TA01 )

Select...

Yes

No

To make judgments about teachers' effectiveness

SC035Q07TA01

Select...

SC035Q07TB01

Select...

- To make judgments about teachers' effectiveness ( SC035Q07TB01 )

Select...

Yes

No

- To make judgments about teachers' effectiveness ( SC035Q07TA01 )

Select...

Yes

No

To identify aspects of instruction or the curriculum that could be improved

SC035Q08TA01

Select...

SC035Q08TB01

Select...

- To identify aspects of instruction or the curriculum that could be improved ( SC035Q08TB01 )

Select...

Yes

No

- To identify aspects of instruction or the curriculum that could be improved ( SC035Q08TA01 )

Select...

Yes

No

To adapt teaching to the students' needs

SC035Q09NA01

Select...

SC035Q09NB01

Select...

## School Questionnaire

- To adapt teaching to the students' needs ( SC035Q09NB01 )  
Select...  
Yes  
No
- 

- To adapt teaching to the students' needs ( SC035Q09NA01 )  
Select...  
Yes  
No

To compare the school with other schools

SC035Q10TA01

Select... ▾

SC035Q10TB01

Select... ▾

- To compare the school with other schools ( SC035Q10TB01 )  
Select...  
Yes  
No
- 

- To compare the school with other schools ( SC035Q10TA01 )  
Select...  
Yes  
No
- 

To award certificates to students

SC035Q11NA01

Select... ▾

SC035Q11NB01

Select... ▾

- To award certificates to students ( SC035Q11NB01 )  
Select...  
Yes  
No
- 

- To award certificates to students ( SC035Q11NA01 )  
Select...  
Yes  
No
-

## School Questionnaire

**In your school, are achievement data used in any of the following accountability procedures?**

Achievement data include **aggregated** school or grade-level test scores or grades, or graduation rates.

(Please select one response in each row.)

	Yes	No
Achievement data are posted publicly (e.g., in the media)	SC036Q01TA01 <input type="radio"/>	SC036Q01TA02 <input type="radio"/>
Achievement data are tracked over time by an administrative authority, such as a district, state, or national education agency	SC036Q02TA01 <input type="radio"/>	SC036Q02TA02 <input type="radio"/>
Achievement data are provided directly to parents	SC036Q03NA01 <input type="radio"/>	SC036Q03NA02 <input type="radio"/>

## School Questionnaire

**Do the following arrangements aimed at quality assurance and improvements exist in your school and where do they come from?**

*(If you need further explanation of the term "internal school evaluation" or "external school evaluation," please use the help button.)*

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

Internal school evaluation: Evaluation as part of a process controlled by a school in which the school defines which areas are judged; the evaluation may be conducted by members of the school or by persons/institutions commissioned by the school.

External school evaluation: Evaluation as part of a process controlled and headed by an external body. The school does not define the areas which are judged.

	<i>Yes, this is mandatory, e.g., based on district or state policies</i>	<i>Yes, based on school initiative</i>	<i>No</i>
Internal evaluation / Self-evaluation	SC037Q01TA01 <input type="radio"/>	SC037Q01TA02 <input type="radio"/>	SC037Q01TA03 <input type="radio"/>
External evaluation	SC037Q02TA01 <input type="radio"/>	SC037Q02TA02 <input type="radio"/>	SC037Q02TA03 <input type="radio"/>
Written specification of the school's curricular profile and educational goals	SC037Q03TA01 <input type="radio"/>	SC037Q03TA02 <input type="radio"/>	SC037Q03TA03 <input type="radio"/>
Written specification of student performance standards	SC037Q04TA01 <input type="radio"/>	SC037Q04TA02 <input type="radio"/>	SC037Q04TA03 <input type="radio"/>
Systematic recording of data such as teacher or student attendance and professional development	SC037Q05NA01 <input type="radio"/>	SC037Q05NA02 <input type="radio"/>	SC037Q05NA03 <input type="radio"/>
Systematic recording of student test results and graduation rates	SC037Q06NA01 <input type="radio"/>	SC037Q06NA02 <input type="radio"/>	SC037Q06NA03 <input type="radio"/>
Seeking written feedback from students (e.g. regarding	SC037Q07TA01 <input type="radio"/>	SC037Q07TA02 <input type="radio"/>	SC037Q07TA03 <input type="radio"/>

## School Questionnaire

lessons, teachers or resources)

Teacher mentoring

SC037Q08TA01

SC037Q08TA02

SC037Q08TA03

Regular consultation aimed at school improvement with one or more experts over a period of at least six months

SC037Q09TA01

SC037Q09TA02

SC037Q09TA03

Implementation of a standardized policy for science subjects (i.e. school curriculum with shared instructional materials accompanied by staff development and training)

SC037Q10NA01

SC037Q10NA02

SC037Q10NA03

## School Questionnaire

**Based on your last internal school evaluation results, did your school implement any measures in the following areas?**

*(If you need further explanation of the term "internal school evaluation," please use the help button.)*

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

Internal school evaluation: Evaluation as part of a process controlled by a school in which the school defines which areas are judged; the evaluation may be conducted by members of the school or by persons/institutions commissioned by the school.

	Yes	No, because results were satisfactory	No, for other reasons
Educational staff (e.g., workload, personal requirements, qualifications)	SC040Q02NA01 <input type="radio"/>	SC040Q02NA02 <input type="radio"/>	SC040Q02NA03 <input type="radio"/>
Implementation of the curriculum	SC040Q03NA01 <input type="radio"/>	SC040Q03NA02 <input type="radio"/>	SC040Q03NA03 <input type="radio"/>
Quality of teaching and learning	SC040Q05NA01 <input type="radio"/>	SC040Q05NA02 <input type="radio"/>	SC040Q05NA03 <input type="radio"/>
Parental engagement in school	SC040Q11NA01 <input type="radio"/>	SC040Q11NA02 <input type="radio"/>	SC040Q11NA03 <input type="radio"/>
Teacher professional development	SC040Q12NA01 <input type="radio"/>	SC040Q12NA02 <input type="radio"/>	SC040Q12NA03 <input type="radio"/>
Student achievement	SC040Q15NA01 <input type="radio"/>	SC040Q15NA02 <input type="radio"/>	SC040Q15NA03 <input type="radio"/>
Students' cross-curricular competencies	SC040Q16NA01 <input type="radio"/>	SC040Q16NA02 <input type="radio"/>	SC040Q16NA03 <input type="radio"/>
Equity in school	SC040Q17NA01 <input type="radio"/>	SC040Q17NA02 <input type="radio"/>	SC040Q17NA03 <input type="radio"/>

## School Questionnaire

**Thinking about the last external evaluation in your school. Do the following statements apply?**

*(If you need further explanation of the term "external school evaluation," please use the help button.)*

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

External school evaluation: Evaluation as part of a process controlled and headed by an external body. The school does not define the areas which are judged.

	Yes	No
The results of the external evaluation led to changes in school policies.	SC041Q01NA01 <input type="radio"/>	SC041Q01NA02 <input type="radio"/>
We used the data to plan specific action for school development.	SC041Q03NA01 <input type="radio"/>	SC041Q03NA02 <input type="radio"/>
We used the data to plan specific action for the improvement of teaching.	SC041Q04NA01 <input type="radio"/>	SC041Q04NA02 <input type="radio"/>
We put measures derived from the results of the external evaluation into practice promptly.	SC041Q05NA01 <input type="radio"/>	SC041Q05NA02 <input type="radio"/>
The impetus triggered by the external evaluation "disappeared" very quickly at our school.	SC041Q06NA01 <input type="radio"/>	SC041Q06NA02 <input type="radio"/>

**School Questionnaire**

**Targeted Groups**



## School Questionnaire

Some schools organize instruction differently for students with different abilities.

**What is your school's policy about this for students in tenth grade?**

(Please select one response in each row.)

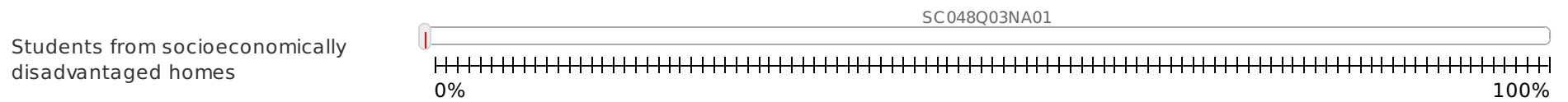
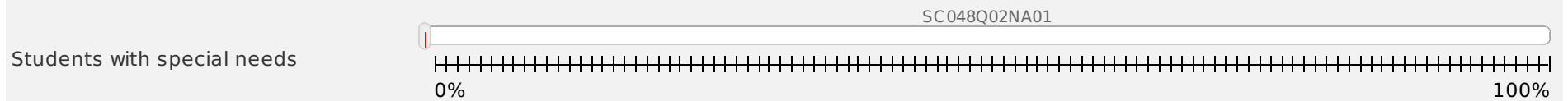
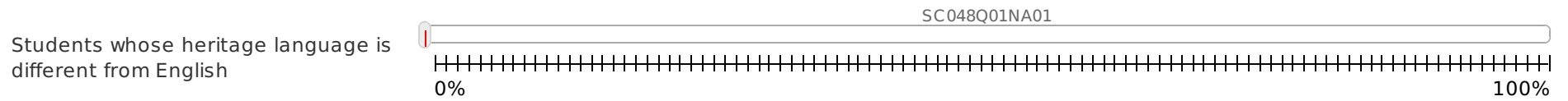
	<i>For all subjects</i>	<i>For some subjects</i>	<i>Not for any subject</i>
Students are grouped by ability into different classes	SC042Q01TA01 <input type="radio"/>	SC042Q01TA02 <input type="radio"/>	SC042Q01TA03 <input type="radio"/>
Students are grouped by ability within their classes	SC042Q02TA01 <input type="radio"/>	SC042Q02TA02 <input type="radio"/>	SC042Q02TA03 <input type="radio"/>

## School Questionnaire

Please estimate the percentage of students at 10th grade in your school who have the following characteristics.

*(Please consider that students may fall into multiple categories.)*

*(Please move the slider to the appropriate percentage.)*



**School Climate**

## School Questionnaire

**In your school, to what extent is the learning of students hindered by the following phenomena?**

(Please select one response in each row.)

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
Student truancy	SC061Q01TA01 <input type="radio"/>	SC061Q01TA02 <input type="radio"/>	SC061Q01TA03 <input type="radio"/>	SC061Q01TA04 <input type="radio"/>
Students skipping classes	SC061Q02TA01 <input type="radio"/>	SC061Q02TA02 <input type="radio"/>	SC061Q02TA03 <input type="radio"/>	SC061Q02TA04 <input type="radio"/>
Students lacking respect for teachers	SC061Q03TA01 <input type="radio"/>	SC061Q03TA02 <input type="radio"/>	SC061Q03TA03 <input type="radio"/>	SC061Q03TA04 <input type="radio"/>
Student use of alcohol or illegal drugs	SC061Q04TA01 <input type="radio"/>	SC061Q04TA02 <input type="radio"/>	SC061Q04TA03 <input type="radio"/>	SC061Q04TA04 <input type="radio"/>
Students intimidating or bullying other students	SC061Q05TA01 <input type="radio"/>	SC061Q05TA02 <input type="radio"/>	SC061Q05TA03 <input type="radio"/>	SC061Q05TA04 <input type="radio"/>
Teachers not meeting individual students' needs	SC061Q06TA01 <input type="radio"/>	SC061Q06TA02 <input type="radio"/>	SC061Q06TA03 <input type="radio"/>	SC061Q06TA04 <input type="radio"/>
Teacher absenteeism	SC061Q07TA01 <input type="radio"/>	SC061Q07TA02 <input type="radio"/>	SC061Q07TA03 <input type="radio"/>	SC061Q07TA04 <input type="radio"/>
Staff resisting change	SC061Q08TA01 <input type="radio"/>	SC061Q08TA02 <input type="radio"/>	SC061Q08TA03 <input type="radio"/>	SC061Q08TA04 <input type="radio"/>
Teachers being too strict with students	SC061Q09TA01 <input type="radio"/>	SC061Q09TA02 <input type="radio"/>	SC061Q09TA03 <input type="radio"/>	SC061Q09TA04 <input type="radio"/>
Teachers not being well prepared for classes	SC061Q10TA01 <input type="radio"/>	SC061Q10TA02 <input type="radio"/>	SC061Q10TA03 <input type="radio"/>	SC061Q10TA04 <input type="radio"/>

## School Questionnaire

**Do the following statements about parental involvement apply to your school?**

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

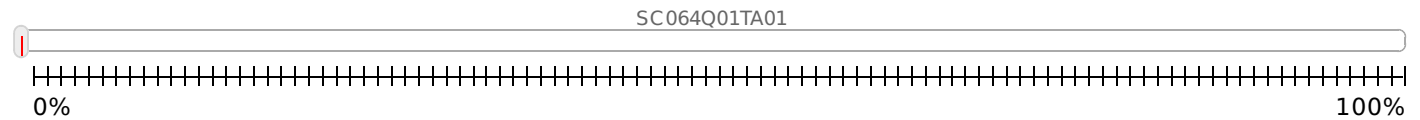
	Yes	No
Our school provides a welcoming and accepting atmosphere for parents to get involved.	SC063Q02NA01 <input type="radio"/>	SC063Q02NA02 <input type="radio"/>
Our school designs effective forms of school-to-home and home-to-school communications about school programs and students' progress.	SC063Q03NA01 <input type="radio"/>	SC063Q03NA02 <input type="radio"/>
Our school includes parents in school decisions.	SC063Q04NA01 <input type="radio"/>	SC063Q04NA02 <input type="radio"/>
Our school provides information and ideas to families about how to help students at home with homework and other curriculum-related activities, decisions, and planning.	SC063Q06NA01 <input type="radio"/>	SC063Q06NA02 <input type="radio"/>
Our school identifies and integrates resources and services from the community to strengthen school programs, family practices, and student learning and development.	SC063Q07NA01 <input type="radio"/>	SC063Q07NA02 <input type="radio"/>
There is federal, state, or district legislation on including parents in school activities.	SC063Q09NA01 <input type="radio"/>	SC063Q09NA02 <input type="radio"/>

## School Questionnaire

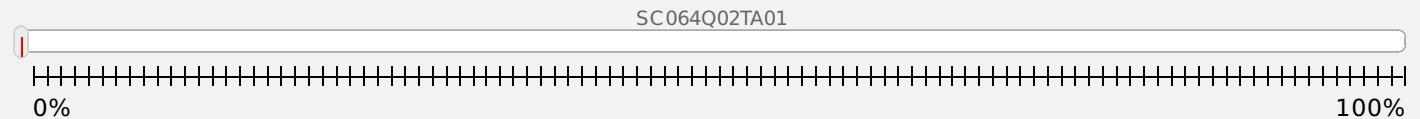
**During 2012-2013 academic year, what proportion of students' parents participated in the following school-related activities?**

*(Please move the slider to the appropriate position. If no parents participated in the activity, please select "0" (zero). Select "100" (one hundred) if all parents participated in the activity.)*

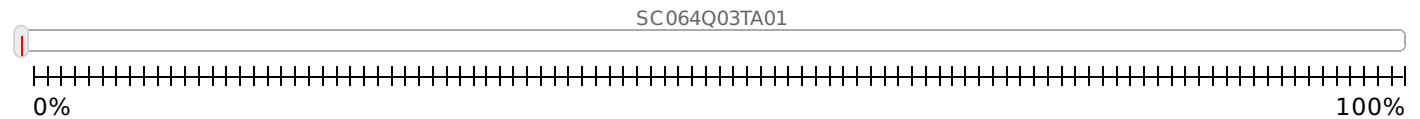
Discussed their child's academic progress with a teacher on their own initiative



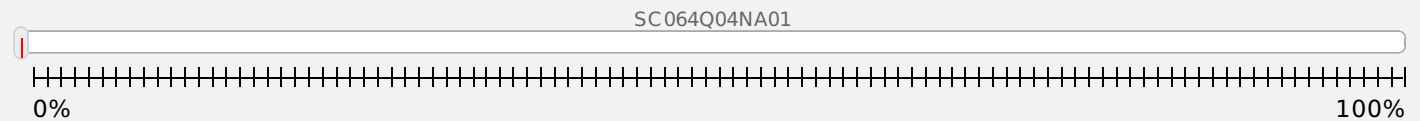
Discussed their child's academic progress on the initiative of one of their child's teachers.



Participated in local school government (e.g., parent teacher association or parent advisory council).



Volunteered in physical or extra-curricular activities (e.g., building maintenance, carpentry, gardening or yard work, school play, sports, field trip)



**School Questionnaire**

**Thank you very much for your cooperation in completing this questionnaire!**

PISA 2015 Main Study  
Teacher Questionnaire



## Teacher Questionnaire

Dear teacher,

Thank you for participating in this study.

This questionnaire asks for information about:

- Background information
- Your initial education and professional development
- Your school
- Teaching practices

This information will help illustrate the similarities and differences between groups of teachers in order to better establish the context for students' test results. For example, the information provided may help to establish what effect the availability of resources may have on student achievement – both within and between countries.

The questionnaire should be completed by you only. It should take about 30 minutes to complete.

If you do not know an answer precisely, your best estimate will be adequate for the purposes of the study.

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 answers from other teachers to calculate totals and averages. All information (or responses) you provide may only be used for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law [Education Science Reform Act of 2002 (ESRA 2002), 20 U.S. Code, Section 9573].**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850-0755. The time required to complete this information collection is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any suggestions for improving the form, or comments or concerns regarding the accuracy of the time estimate(s) or the status of your individual submission of this form, please write to: Program for International Student Assessment (PISA), National Center for Education Statistics, U.S. Department of Education, 1990 K Street, N.W., Room 8122, Washington, D.C. 20006. O.M.B. No. 1850-0755, Approval Expires 08/31/2016

**Teacher Questionnaire**

**Background Information**

**Teacher Questionnaire**

**Are you female or male?**

*(Please select one response.)*

Female

TC001Q01NA01

Male

TC001Q01NA02

## Teacher Questionnaire

**How old are you?**

*(Please move the slider to the appropriate number of years.)*

---

TC002Q01NA01

20 years or younger 70 years or older

---

## Teacher Questionnaire

**What is your employment status as a teacher at this school?**

*(Please select one response.)*

---

Permanent employment (an ongoing contract with no fixed end-point before the age of retirement)

TC004Q01NA01

Fixed-term contract for a period of more than 1 school year

TC004Q01NA02

Fixed-term contract for a period of 1 school year or less

TC004Q01NA03

---

## Teacher Questionnaire

### What is your current employment status as a teacher?

*(Please consider your employment status at this school and for all your teaching employments together.)*

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

	<i>Full-time (more than 90% of full-time hours)</i>	<i>Part-time (71-90% of full-time hours)</i>	<i>Part-time (50-70% of full-time hours)</i>	<i>Part-time (less than 50% of full-time hours)</i>
My employment status at this school	TC005Q01NA01 <input type="radio"/>	TC005Q01NA02 <input type="radio"/>	TC005Q01NA03 <input type="radio"/>	TC005Q01NA04 <input type="radio"/>
All my teaching employments together	TC005Q02NA01 <input type="radio"/>	TC005Q02NA02 <input type="radio"/>	TC005Q02NA03 <input type="radio"/>	TC005Q02NA04 <input type="radio"/>

## Teacher Questionnaire

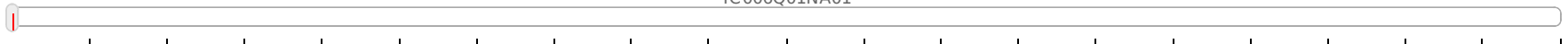
**In how many schools have you worked in the course of your teaching career?**

*(Include all schools, even if you worked at several schools at once.)*

*(Please move the slider to the appropriate number of schools.)*

---

TC006Q01NA01



1 school 20 schools or more

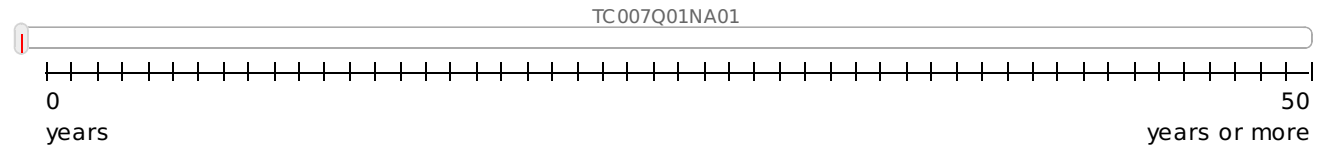
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## Teacher Questionnaire

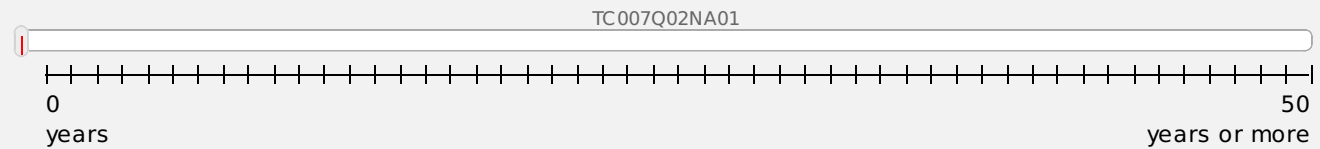
### How many years of work experience do you have?

*(Please round up to whole years no matter whether you worked part-time or full-time and move the slider to the appropriate number of years. If any option does not apply to you select "0" (zero).)*

Year(s) working as a teacher at this school



Year(s) working as a teacher in total





**Your Initial Education and Professional Development**

## Teacher Questionnaire

**What is the highest level of formal education you have completed?**

*(Please select one response.)*

High school and/or some college  
courses

TC012Q01NA01

Associate's degree

TC012Q01NA02

Bachelor's degree

TC012Q01NA03

Master's degree

TC012Q01NA04

Doctoral or professional degree (e.g.,  
PhD, M.D., J.D)

TC012Q01NA05

## Teacher Questionnaire

**After completing high school, was your goal to pursue a career in the teaching profession?**

*(Please select one response.)*

Yes

TC013Q01NA01

No

TC013Q01NA02

## Teacher Questionnaire

**Did you complete a teacher education or training program?**

*(Please select one response.)*

Yes

TC014Q01NA01

No

TC014Q01NA02

## Teacher Questionnaire

### How did you receive your teaching qualifications?

*(Please select one response.)*

I attended a standard teacher education or training program at an educational institution.

TC015Q01NA01

I attended an in-service teacher education or training program.

TC015Q01NA02

I attended a work based teacher education or training program.

TC015Q01NA03

I attended training in another pedagogical profession.

TC015Q01NA04

Other

TC015Q01NA05

## Teacher Questionnaire

**Were any of the following included in your teacher education or training program or other professional qualification and do you teach them to the 10th grade in the current school year?**

*(Because this is an international survey, we had to categorize many of the actual subjects taught in schools into broad categories. If the exact name of one of your subjects is not listed, please mark the category you think best fits the subject.)*

*(If you need further explanation for terms used in this question, please use the help button.)*

*(Please select all that apply.)*

**Reading, writing and literature:** reading and writing (and literature) in English, language arts, public speaking, literature, composition, communications, journalism

**Mathematics:** mathematics, mathematics with statistics, geometry, algebra, etc.

**Science:** natural science, physics, physical science, chemistry, biology, human biology, earth and space sciences, environmental science, agriculture/horticulture/forestry

**Technology:** orientation in technology, including information technology, computer studies, construction/surveying, engineering, electronics, graphics and design, keyboard skills, word processing, workshop technology/design technology

**Social studies:** social studies, community studies, contemporary studies, economics, environmental studies, geography, history, humanities, legal studies, American studies, social sciences, ethical thinking, philosophy

**Modern foreign languages:** languages different from the language of instruction

**Ancient languages** (e.g., Latin)

**Arts:** arts, music, visual arts, practical art, drama, performance music, photography, drawing, creative handicraft, creative needlework

**Physical education:** physical education, gymnastics, dance, health

**Religion and/or ethics:** religion, history of religions, religion culture, ethics

**Practical and vocational skills:** vocational skills (preparation for a specific occupation), technics, domestic science, accountancy, business studies, career education, clothing and textiles, driving, home economics, polytechnic courses, secretarial studies, tourism and hospitality, handicraft.

*Included in my teacher education or training  
program or other professional qualification*

*I teach it to the 10th grade in the current school  
year*

Reading, writing and literature

TC018Q01NA01

TC018Q01NB01

## Teacher Questionnaire

Mathematics	TC018Q02NA01 <input type="checkbox"/>	TC018Q02NB01 <input type="checkbox"/>
Science	TC018Q03NA01 <input type="checkbox"/>	TC018Q03NB01 <input type="checkbox"/>
Technology	TC018Q04NA01 <input type="checkbox"/>	TC018Q04NB01 <input type="checkbox"/>
Social studies	TC018Q05NA01 <input type="checkbox"/>	TC018Q05NB01 <input type="checkbox"/>
Modern foreign languages	TC018Q06NA01 <input type="checkbox"/>	TC018Q06NB01 <input type="checkbox"/>
Ancient languages (e.g., Latin)	TC018Q07NA01 <input type="checkbox"/>	TC018Q07NB01 <input type="checkbox"/>
Arts	TC018Q08NA01 <input type="checkbox"/>	TC018Q08NB01 <input type="checkbox"/>
Physical education	TC018Q09NA01 <input type="checkbox"/>	TC018Q09NB01 <input type="checkbox"/>
Religion and/or ethics	TC018Q10NA01 <input type="checkbox"/>	TC018Q10NB01 <input type="checkbox"/>
Practical and vocational skills	TC018Q11NA01 <input type="checkbox"/>	TC018Q11NB01 <input type="checkbox"/>

## Teacher Questionnaire

During the last 12 months, did you participate in any of the following activities?

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

	Yes	No
Degree program	TC020Q01NA01 <input type="radio"/>	TC020Q01NA02 <input type="radio"/>
Participation in a network of teachers formed specifically for the professional development of teachers	TC020Q02NA01 <input type="radio"/>	TC020Q02NA02 <input type="radio"/>
Individual or collaborative research on a topic of interest to you professionally	TC020Q03NA01 <input type="radio"/>	TC020Q03NA02 <input type="radio"/>
Mentoring and/or peer observation and coaching, as part of a formal school arrangement	TC020Q04NA01 <input type="radio"/>	TC020Q04NA02 <input type="radio"/>
Reading professional literature (e.g., journals, evidence-based papers, thesis papers)	TC020Q05NA01 <input type="radio"/>	TC020Q05NA02 <input type="radio"/>
Engaging in informal dialogue with your colleagues on how to improve your teaching	TC020Q06NA01 <input type="radio"/>	TC020Q06NA02 <input type="radio"/>



## Teacher Questionnaire

**Are you required to take part in professional development activities?**

*(Please select one response.)*

Yes

TC021Q01NA01

No

TC021Q01NA02

## Teacher Questionnaire

**Were any of the topics listed below included in your teacher education or training program or other professional qualification and your professional development activities?**

*(Please select all that apply.)*

	<i>Included in my teacher education or training program or other professional qualification</i>	<i>Included in my professional development activities during the last 12 months</i>
Knowledge and understanding of my subject field(s)	TC 045Q01NA01 <input type="checkbox"/>	TC 045Q01NB01 <input type="checkbox"/>
Pedagogical competencies in teaching my subject field(s)	TC 045Q02NA01 <input type="checkbox"/>	TC 045Q02NB01 <input type="checkbox"/>
Knowledge of the curriculum	TC 045Q03NA01 <input type="checkbox"/>	TC 045Q03NB01 <input type="checkbox"/>
Student assessment practices	TC 045Q04NA01 <input type="checkbox"/>	TC 045Q04NB01 <input type="checkbox"/>
ICT (information and communication technology) skills for teaching	TC 045Q05NA01 <input type="checkbox"/>	TC 045Q05NB01 <input type="checkbox"/>
Student behavior and classroom management	TC 045Q06NA01 <input type="checkbox"/>	TC 045Q06NB01 <input type="checkbox"/>
School management and administration	TC 045Q07NA01 <input type="checkbox"/>	TC 045Q07NB01 <input type="checkbox"/>
Approaches to individualized learning	TC 045Q08NA01 <input type="checkbox"/>	TC 045Q08NB01 <input type="checkbox"/>
	TC 045Q09NA01	TC 045Q09NB01

## Teacher Questionnaire

Teaching students with special needs	TC045Q09NA01 <input type="checkbox"/>	TC045Q09NB01 <input type="checkbox"/>
Teaching in a multicultural or multilingual setting	TC045Q10NA01 <input type="checkbox"/>	TC045Q10NB01 <input type="checkbox"/>
Teaching cross-curricular skills (e.g., problem solving, learning-to-learn)	TC045Q11NA01 <input type="checkbox"/>	TC045Q11NB01 <input type="checkbox"/>
Student career guidance and counseling	TC045Q12NA01 <input type="checkbox"/>	TC045Q12NB01 <input type="checkbox"/>
Internal evaluation or self-evaluation of schools	TC045Q13NA01 <input type="checkbox"/>	TC045Q13NB01 <input type="checkbox"/>
Use of evaluation results	TC045Q14NA01 <input type="checkbox"/>	TC045Q14NB01 <input type="checkbox"/>
Teacher-parent cooperation	TC045Q15NA01 <input type="checkbox"/>	TC045Q15NB01 <input type="checkbox"/>

**Teacher Questionnaire**

**Your School**

## Teacher Questionnaire

**Is your school's capacity to provide instruction hindered by any of the following issues?**

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

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
A lack of teaching staff.	TC028Q01NA01 <input type="radio"/>	TC028Q01NA02 <input type="radio"/>	TC028Q01NA03 <input type="radio"/>	TC028Q01NA04 <input type="radio"/>
Inadequate or poorly qualified teaching staff.	TC028Q02NA01 <input type="radio"/>	TC028Q02NA02 <input type="radio"/>	TC028Q02NA03 <input type="radio"/>	TC028Q02NA04 <input type="radio"/>
A lack of assisting staff.	TC028Q03NA01 <input type="radio"/>	TC028Q03NA02 <input type="radio"/>	TC028Q03NA03 <input type="radio"/>	TC028Q03NA04 <input type="radio"/>
Inadequate or poorly qualified assisting staff.	TC028Q04NA01 <input type="radio"/>	TC028Q04NA02 <input type="radio"/>	TC028Q04NA03 <input type="radio"/>	TC028Q04NA04 <input type="radio"/>
A lack of educational material (e.g., textbooks, IT equipment, library or laboratory material).	TC028Q05NA01 <input type="radio"/>	TC028Q05NA02 <input type="radio"/>	TC028Q05NA03 <input type="radio"/>	TC028Q05NA04 <input type="radio"/>
Inadequate or poor quality educational material (e.g., textbooks, IT equipment, library or laboratory material).	TC028Q06NA01 <input type="radio"/>	TC028Q06NA02 <input type="radio"/>	TC028Q06NA03 <input type="radio"/>	TC028Q06NA04 <input type="radio"/>
A lack of physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	TC028Q07NA01 <input type="radio"/>	TC028Q07NA02 <input type="radio"/>	TC028Q07NA03 <input type="radio"/>	TC028Q07NA04 <input type="radio"/>
Inadequate or poor quality physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	TC028Q08NA01 <input type="radio"/>	TC028Q08NA02 <input type="radio"/>	TC028Q08NA03 <input type="radio"/>	TC028Q08NA04 <input type="radio"/>

## Teacher Questionnaire

**To what extent do you disagree or agree with the following statements regarding your school?**

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

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
The principal tries to achieve consensus with all staff when defining priorities and goals in school	TC060Q02NA01 <input type="radio"/>	TC060Q02NA02 <input type="radio"/>	TC060Q02NA03 <input type="radio"/>	TC060Q02NA04 <input type="radio"/>
The principal is aware of my needs	TC060Q04NA01 <input type="radio"/>	TC060Q04NA02 <input type="radio"/>	TC060Q04NA03 <input type="radio"/>	TC060Q04NA04 <input type="radio"/>
The principal inspires new ideas for my professional learning	TC060Q06NA01 <input type="radio"/>	TC060Q06NA02 <input type="radio"/>	TC060Q06NA03 <input type="radio"/>	TC060Q06NA04 <input type="radio"/>
The principal treats teaching staff as professionals	TC060Q07NA01 <input type="radio"/>	TC060Q07NA02 <input type="radio"/>	TC060Q07NA03 <input type="radio"/>	TC060Q07NA04 <input type="radio"/>
The principal ensures our involvement in decision making	TC060Q09NA01 <input type="radio"/>	TC060Q09NA02 <input type="radio"/>	TC060Q09NA03 <input type="radio"/>	TC060Q09NA04 <input type="radio"/>

## Teacher Questionnaire

**On average, how often do you do the following in this school?**

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

	<i>Never</i>	<i>Once a year or less</i>	<i>2-4 times a year</i>	<i>5-10 times a year</i>	<i>1-3 times a month</i>	<i>Once a week or more</i>
Teach jointly as a team in the same class	TC046Q01NA01 <input type="radio"/>	TC046Q01NA02 <input type="radio"/>	TC046Q01NA03 <input type="radio"/>	TC046Q01NA04 <input type="radio"/>	TC046Q01NA05 <input type="radio"/>	TC046Q01NA06 <input type="radio"/>
Observe other teachers' classes and provide feedback	TC046Q02NA01 <input type="radio"/>	TC046Q02NA02 <input type="radio"/>	TC046Q02NA03 <input type="radio"/>	TC046Q02NA04 <input type="radio"/>	TC046Q02NA05 <input type="radio"/>	TC046Q02NA06 <input type="radio"/>
Engage in joint activities across different classes and age groups (e.g., projects)	TC046Q03NA01 <input type="radio"/>	TC046Q03NA02 <input type="radio"/>	TC046Q03NA03 <input type="radio"/>	TC046Q03NA04 <input type="radio"/>	TC046Q03NA05 <input type="radio"/>	TC046Q03NA06 <input type="radio"/>
Exchange teaching materials with colleagues	TC046Q04NA01 <input type="radio"/>	TC046Q04NA02 <input type="radio"/>	TC046Q04NA03 <input type="radio"/>	TC046Q04NA04 <input type="radio"/>	TC046Q04NA05 <input type="radio"/>	TC046Q04NA06 <input type="radio"/>
Engage in discussions about the learning development of specific students	TC046Q05NA01 <input type="radio"/>	TC046Q05NA02 <input type="radio"/>	TC046Q05NA03 <input type="radio"/>	TC046Q05NA04 <input type="radio"/>	TC046Q05NA05 <input type="radio"/>	TC046Q05NA06 <input type="radio"/>
Work with other teachers in my school to ensure common standards in evaluations for assessing student progress	TC046Q06NA01 <input type="radio"/>	TC046Q06NA02 <input type="radio"/>	TC046Q06NA03 <input type="radio"/>	TC046Q06NA04 <input type="radio"/>	TC046Q06NA05 <input type="radio"/>	TC046Q06NA06 <input type="radio"/>
Attend team conferences	TC046Q07NA01 <input type="radio"/>	TC046Q07NA02 <input type="radio"/>	TC046Q07NA03 <input type="radio"/>	TC046Q07NA04 <input type="radio"/>	TC046Q07NA05 <input type="radio"/>	TC046Q07NA06 <input type="radio"/>
Take part in collaborative professional learning	TC046Q08NA01 <input type="radio"/>	TC046Q08NA02 <input type="radio"/>	TC046Q08NA03 <input type="radio"/>	TC046Q08NA04 <input type="radio"/>	TC046Q08NA05 <input type="radio"/>	TC046Q08NA06 <input type="radio"/>

## Teacher Questionnaire

**We would like to know how you generally feel about your job. How strongly 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>
The advantages of being a teacher clearly outweigh the disadvantages.	TC026Q01NA01 <input type="radio"/>	TC026Q01NA02 <input type="radio"/>	TC026Q01NA03 <input type="radio"/>	TC026Q01NA04 <input type="radio"/>
If I could decide again, I would still choose to work as a teacher.	TC026Q02NA01 <input type="radio"/>	TC026Q02NA02 <input type="radio"/>	TC026Q02NA03 <input type="radio"/>	TC026Q02NA04 <input type="radio"/>
I regret that I decided to become a teacher.	TC026Q04NA01 <input type="radio"/>	TC026Q04NA02 <input type="radio"/>	TC026Q04NA03 <input type="radio"/>	TC026Q04NA04 <input type="radio"/>
I enjoy working at this school.	TC026Q05NA01 <input type="radio"/>	TC026Q05NA02 <input type="radio"/>	TC026Q05NA03 <input type="radio"/>	TC026Q05NA04 <input type="radio"/>
I wonder whether it would have been better to choose another profession.	TC026Q06NA01 <input type="radio"/>	TC026Q06NA02 <input type="radio"/>	TC026Q06NA03 <input type="radio"/>	TC026Q06NA04 <input type="radio"/>
I would recommend my school as a good place to work.	TC026Q07NA01 <input type="radio"/>	TC026Q07NA02 <input type="radio"/>	TC026Q07NA03 <input type="radio"/>	TC026Q07NA04 <input type="radio"/>
I am satisfied with my performance in this school.	TC026Q09NA01 <input type="radio"/>	TC026Q09NA02 <input type="radio"/>	TC026Q09NA03 <input type="radio"/>	TC026Q09NA04 <input type="radio"/>
All in all, I am satisfied with my job.	TC026Q10NA01 <input type="radio"/>	TC026Q10NA02 <input type="radio"/>	TC026Q10NA03 <input type="radio"/>	TC026Q10NA04 <input type="radio"/>



**Teacher Questionnaire**

**Teaching Practices**

## Teacher Questionnaire

### How often do you assign the following activities to your students?

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Once a year or less</i>	<i>2-4 times a year</i>	<i>5-9 times a year</i>	<i>1-3 times a month</i>	<i>Once a week or more</i>
Doing some short task (10 minutes to 2 hours) in teams such as exercises or problems	TC048Q01NA01 <input type="radio"/>	TC048Q01NA02 <input type="radio"/>	TC048Q01NA03 <input type="radio"/>	TC048Q01NA04 <input type="radio"/>	TC048Q01NA05 <input type="radio"/>	TC048Q01NA06 <input type="radio"/>
Conducting a longer project (over several weeks) in teams such as writing a document, inventing something, etc.	TC048Q02NA01 <input type="radio"/>	TC048Q02NA02 <input type="radio"/>	TC048Q02NA03 <input type="radio"/>	TC048Q02NA04 <input type="radio"/>	TC048Q02NA05 <input type="radio"/>	TC048Q02NA06 <input type="radio"/>
Preparing and giving a talk/presentation together	TC048Q03NA01 <input type="radio"/>	TC048Q03NA02 <input type="radio"/>	TC048Q03NA03 <input type="radio"/>	TC048Q03NA04 <input type="radio"/>	TC048Q03NA05 <input type="radio"/>	TC048Q03NA06 <input type="radio"/>

## Teacher Questionnaire

**How often do you use the following to grade students' team collaboration activities?**

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

	<i>Never or almost never</i>	<i>Sometimes</i>	<i>Often</i>	<i>Always or almost always</i>
No grades	TC051Q01NA01 <input type="radio"/>	TC051Q01NA02 <input type="radio"/>	TC051Q01NA03 <input type="radio"/>	TC051Q01NA04 <input type="radio"/>
Individual grades for individual performance	TC051Q02NA01 <input type="radio"/>	TC051Q02NA02 <input type="radio"/>	TC051Q02NA03 <input type="radio"/>	TC051Q02NA04 <input type="radio"/>
Collective grades for a group product	TC051Q03NA01 <input type="radio"/>	TC051Q03NA02 <input type="radio"/>	TC051Q03NA03 <input type="radio"/>	TC051Q03NA04 <input type="radio"/>
Collective grades for individual contributions	TC051Q04NA01 <input type="radio"/>	TC051Q04NA02 <input type="radio"/>	TC051Q04NA03 <input type="radio"/>	TC051Q04NA04 <input type="radio"/>
Individual grades for a group product	TC051Q05NA01 <input type="radio"/>	TC051Q05NA02 <input type="radio"/>	TC051Q05NA03 <input type="radio"/>	TC051Q05NA04 <input type="radio"/>

## Teacher Questionnaire

**How often do you use the following types of collaboration during students' team collaboration activities?**

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

	<i>Never or almost never</i>	<i>Sometimes</i>	<i>Often</i>	<i>Always or almost always</i>
Members of groups work according to specialization of each member.	TC052Q01NA01 <input type="radio"/>	TC052Q01NA02 <input type="radio"/>	TC052Q01NA03 <input type="radio"/>	TC052Q01NA04 <input type="radio"/>
Members of groups work on a collective outcome.	TC052Q02NA01 <input type="radio"/>	TC052Q02NA02 <input type="radio"/>	TC052Q02NA03 <input type="radio"/>	TC052Q02NA04 <input type="radio"/>
Group members receive different information (resource interdependence).	TC052Q03NA01 <input type="radio"/>	TC052Q03NA02 <input type="radio"/>	TC052Q03NA03 <input type="radio"/>	TC052Q03NA04 <input type="radio"/>
Group members are assigned different roles (role interdependence).	TC052Q04NA01 <input type="radio"/>	TC052Q04NA02 <input type="radio"/>	TC052Q04NA03 <input type="radio"/>	TC052Q04NA04 <input type="radio"/>

## Teacher Questionnaire

**How often do you use the following grouping practices during students' team collaboration activities?**

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

	<i>Never or almost never</i>	<i>Sometimes</i>	<i>Often</i>	<i>Always or almost always</i>
Groups with a mix of abilities	TC053Q01NA01 <input type="radio"/>	TC053Q01NA02 <input type="radio"/>	TC053Q01NA03 <input type="radio"/>	TC053Q01NA04 <input type="radio"/>
Groups of students with similar abilities	TC053Q02NA01 <input type="radio"/>	TC053Q02NA02 <input type="radio"/>	TC053Q02NA03 <input type="radio"/>	TC053Q02NA04 <input type="radio"/>
Groups as the students choose them	TC053Q03NA01 <input type="radio"/>	TC053Q03NA02 <input type="radio"/>	TC053Q03NA03 <input type="radio"/>	TC053Q03NA04 <input type="radio"/>

## Teacher Questionnaire

### How often do you use the following methods of assessing student learning?

(If you need further explanation of the term “standardized tests,” please use the help button.)

(Please select one response in each row.)

Here, the term standardized tests includes standardized mandatory tests (mandated e.g., by state, district, or other governing authorities) as well as standardized non-mandatory tests (e.g., publicly or commercial available standardized test material). These tests are consistent in design, content, administration and scoring. Results can be compared across students and schools.

	<i>Never or almost never</i>	<i>Some lessons</i>	<i>Most lessons</i>	<i>Every lesson or almost every lesson</i>
I develop and administer my own assessment.	TC054Q01NA01 <input type="radio"/>	TC054Q01NA02 <input type="radio"/>	TC054Q01NA03 <input type="radio"/>	TC054Q01NA04 <input type="radio"/>
I administer a standardized test.	TC054Q02NA01 <input type="radio"/>	TC054Q02NA02 <input type="radio"/>	TC054Q02NA03 <input type="radio"/>	TC054Q02NA04 <input type="radio"/>
I have individual students answer questions in front of the class.	TC054Q03NA01 <input type="radio"/>	TC054Q03NA02 <input type="radio"/>	TC054Q03NA03 <input type="radio"/>	TC054Q03NA04 <input type="radio"/>
I provide written feedback on student work in addition to a grade.	TC054Q04NA01 <input type="radio"/>	TC054Q04NA02 <input type="radio"/>	TC054Q04NA03 <input type="radio"/>	TC054Q04NA04 <input type="radio"/>
I let students judge their own progress.	TC054Q05NA01 <input type="radio"/>	TC054Q05NA02 <input type="radio"/>	TC054Q05NA03 <input type="radio"/>	TC054Q05NA04 <input type="radio"/>
I observe students when working on particular tasks and provide immediate feedback.	TC054Q06NA01 <input type="radio"/>	TC054Q06NA02 <input type="radio"/>	TC054Q06NA03 <input type="radio"/>	TC054Q06NA04 <input type="radio"/>
I collect data from classroom assignments or home work.	TC054Q07NA01 <input type="radio"/>	TC054Q07NA02 <input type="radio"/>	TC054Q07NA03 <input type="radio"/>	TC054Q07NA04 <input type="radio"/>

## Teacher Questionnaire

**To what extent do you use the following approaches to assign final semester grades to students in 10th grade?**

*(If you need further explanation of the term "standardized tests," please use the help button.)*

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

Standardized tests are consistent in design, content, administration and scoring. Results can be compared across students and schools. This excludes teacher-developed tests.

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>To a large extent</i>
I consider students' individual improvement of performance since the beginning of the semester.	TC055Q01NA01 <input type="radio"/>	TC055Q01NA02 <input type="radio"/>	TC055Q01NA03 <input type="radio"/>	TC055Q01NA04 <input type="radio"/>
I consider students' problem solving ability.	TC055Q02NA01 <input type="radio"/>	TC055Q02NA02 <input type="radio"/>	TC055Q02NA03 <input type="radio"/>	TC055Q02NA04 <input type="radio"/>
I consider students' critical thinking ability.	TC055Q03NA01 <input type="radio"/>	TC055Q03NA02 <input type="radio"/>	TC055Q03NA03 <input type="radio"/>	TC055Q03NA04 <input type="radio"/>
I consider students' performance in collaborative problem solving activities.	TC055Q04NA01 <input type="radio"/>	TC055Q04NA02 <input type="radio"/>	TC055Q04NA03 <input type="radio"/>	TC055Q04NA04 <input type="radio"/>
I recognize students' effort; even if performance does not improve.	TC055Q05NA01 <input type="radio"/>	TC055Q05NA02 <input type="radio"/>	TC055Q05NA03 <input type="radio"/>	TC055Q05NA04 <input type="radio"/>
I compare student performance in the current course to that of students from the previous course.	TC055Q06NA01 <input type="radio"/>	TC055Q06NA02 <input type="radio"/>	TC055Q06NA03 <input type="radio"/>	TC055Q06NA04 <input type="radio"/>
I compare a student's performance to that of other students in the course.	TC055Q07NA01 <input type="radio"/>	TC055Q07NA02 <input type="radio"/>	TC055Q07NA03 <input type="radio"/>	TC055Q07NA04 <input type="radio"/>
I compare students' performance to written federal or state performance standards.	TC055Q08NA01 <input type="radio"/>	TC055Q08NA02 <input type="radio"/>	TC055Q08NA03 <input type="radio"/>	TC055Q08NA04 <input type="radio"/>

## Teacher Questionnaire

I consider the degree to which the student participates in the class.	TC055Q11NA01 <input type="radio"/>	TC055Q11NA02 <input type="radio"/>	TC055Q11NA03 <input type="radio"/>	TC055Q11NA04 <input type="radio"/>
I base grades on standardized tests mandated by national, state or district authorities (e.g., the test in your state).	TC055Q13NA01 <input type="radio"/>	TC055Q13NA02 <input type="radio"/>	TC055Q13NA03 <input type="radio"/>	TC055Q13NA04 <input type="radio"/>
I base grades on non-mandatory, publicly or commercially available standardized tests (e.g., SAT).	TC055Q14NA01 <input type="radio"/>	TC055Q14NA02 <input type="radio"/>	TC055Q14NA03 <input type="radio"/>	TC055Q14NA04 <input type="radio"/>



**Teacher Questionnaire**

**Thank you very much for your cooperation in completing this questionnaire!**

PISA 2015 Main Study  
Science Teacher Questionnaire

## Science Teacher Questionnaire

Dear science teacher,

Thank you for participating in this study.

This questionnaire asks for information about:

- Background information
- Your initial education and professional development
- Your school
- Science teaching practices

This information will help illustrate the similarities and differences between groups of teachers in order to better establish the context for students' test results. For example, the information provided may help to establish what effect the availability of resources may have on student achievement – both within and between countries.

The questionnaire should be completed by you only. It should take about 30 minutes to complete.

If you do not know an answer precisely, your best estimate will be adequate for the purpose of the study.

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 answers from other teachers to calculate totals and averages. All information (or responses) you provide may only be used for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law [Education Science Reform Act of 2002 (ESRA 2002), 20 U.S. Code, Section 9573].**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850-0755. The time required to complete this information collection is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any suggestions for improving the form, or comments or concerns regarding the accuracy of the time estimate(s) or the status of your individual submission of this form, please write to: Program for International Student Assessment (PISA), National Center for Education Statistics, U.S. Department of Education, 1990 K Street, N.W., Room 8122, Washington, D.C. 20006. O.M.B. No. 1850-0755, Approval Expires 08/31/2016

**Background Information**

## Science Teacher Questionnaire

**Are you female or male?**

*(Please select one response.)*

Female

TC001Q01NA01

Male

TC001Q01NA02

## Science Teacher Questionnaire

**How old are you?**

*(Please move the slider to the appropriate number of years.)*

TC002Q01NA01

20 years or younger

70 years or older

## Science Teacher Questionnaire

**What is your employment status as a teacher at this school?**

*(Please select one response.)*

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Permanent employment (an ongoing contract with no fixed end-point before the age of retirement)

TC004Q01NA01

Fixed-term contract for a period of more than 1 school year

TC004Q01NA02

Fixed-term contract for a period of 1 school year or less

TC004Q01NA03

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## Science Teacher Questionnaire

### What is your current employment status as a teacher?

*(Please consider your employment status at this school and for all your teaching employments together.)*

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

	<i>Full-time (more than 90% of full-time hours)</i>	<i>Part-time (71-90% of full-time hours)</i>	<i>Part-time (50-70% of full-time hours)</i>	<i>Part-time (less than 50% of full-time hours)</i>
My employment status at this school	TC005Q01NA01 <input type="radio"/>	TC005Q01NA02 <input type="radio"/>	TC005Q01NA03 <input type="radio"/>	TC005Q01NA04 <input type="radio"/>
All my teaching employments together	TC005Q02NA01 <input type="radio"/>	TC005Q02NA02 <input type="radio"/>	TC005Q02NA03 <input type="radio"/>	TC005Q02NA04 <input type="radio"/>

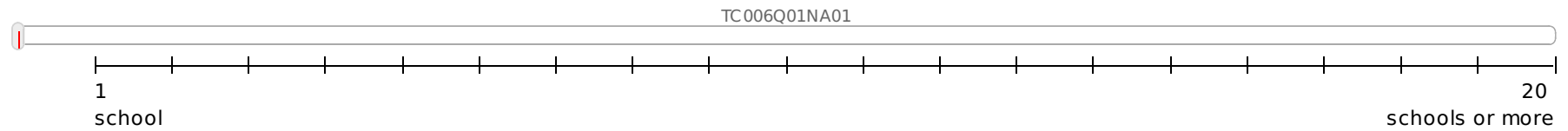


## Science Teacher Questionnaire

**In how many schools have you worked in the course of your teaching career?**

*(Include all schools, even if you worked at several schools at once.)*

*(Please move the slider to the appropriate number of schools.)*

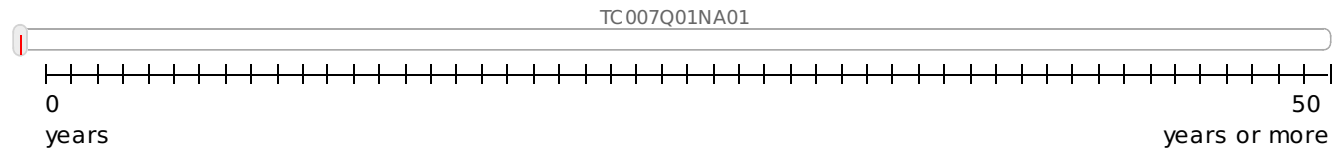


## Science Teacher Questionnaire

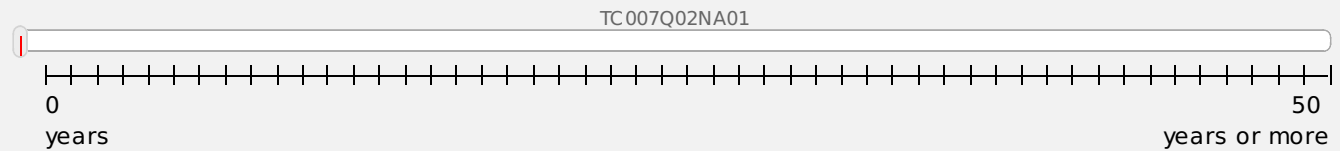
**How many years of work experience do you have?**

*(Please round up to whole years no matter whether you worked part-time or full-time and move the slider to the appropriate number of years. If any option did not apply to you select "0" (zero).)*

Year(s) working as a teacher at this school



Year(s) working as a teacher in total



**Your Initial Education and Professional Development**

## Science Teacher Questionnaire

**What is the highest level of formal education you have completed?**

*(Please select one response.)*

High school and/or some college  
courses

TC012Q01NA01

Associate's degree

TC012Q01NA02

Bachelor's degree

TC012Q01NA03

Master's degree

TC012Q01NA04

Doctoral or professional degree (e.g.,  
PhD, M.D., J.D)

TC012Q01NA05

**Science Teacher Questionnaire**

**After completing high school, was your goal to pursue a career in the teaching profession?**

*(Please select one response.)*

Yes

TC013Q01NA01

No

TC013Q01NA02

## Science Teacher Questionnaire

**Did you complete a teacher education or training program?**

*(Please select one response.)*

Yes

TC014Q01NA01

No

TC014Q01NA02

## Science Teacher Questionnaire

### How did you receive your teaching qualifications?

*(Please select one response.)*

I attended a standard teacher education or training program at an educational institution.

TC015Q01NA01

I attended an in-service teacher education or training program.

TC015Q01NA02

I attended a work based teacher education or training program.

TC015Q01NA03

I attended training in another pedagogical profession.

TC015Q01NA04

Other

TC015Q01NA05

## Science Teacher Questionnaire

**Were any of the following included in your teacher education or training program or other professional qualification and do you teach them to the 10th grade in the current school year?**

*(Because this is an international survey, we had to categorize many of the actual subjects taught in schools into broad categories. If the exact name of one of your subjects is not listed, please mark the category you think best fits the subject.)*

*(If you need further explanation for terms used in this question, please use the help button.)*

*(Please select all that apply.)*

**Reading, writing and literature:** reading and writing (and literature) in English, language arts, public speaking, literature, composition, communications, journalism

**Mathematics:** mathematics, mathematics with statistics, geometry, algebra, etc.

**Science:** natural science, physics, physical science, chemistry, biology, human biology, earth and space sciences, environmental science, agriculture/horticulture/forestry

**Technology:** orientation in technology, including information technology, computer studies, construction/surveying, engineering, electronics, graphics and design, keyboard skills, word processing, workshop technology/design technology

**Social studies:** social studies, community studies, contemporary studies, economics, environmental studies, geography, history, humanities, legal studies, American studies, social sciences, ethical thinking, philosophy

**Modern foreign languages:** languages different from the language of instruction

**Ancient languages** (e.g., Latin)

**Arts:** arts, music, visual arts, practical art, drama, performance music, photography, drawing, creative handicraft, creative needlework

**Physical education:** physical education, gymnastics, dance, health

**Religion and/or ethics:** religion, history of religions, religion culture, ethics

**Practical and vocational skills:** vocational skills (preparation for a specific occupation), technics, domestic science, accountancy, business studies, career education, clothing and textiles, driving, home economics, polytechnic courses, secretarial studies, tourism and hospitality, handicraft.

*Included in my teacher education or training  
program or other professional qualification*

*I teach it to the 10th grade in the current school  
year*

Reading, writing and literature

TC018Q01NA01

TC018Q01NB01



## Science Teacher Questionnaire

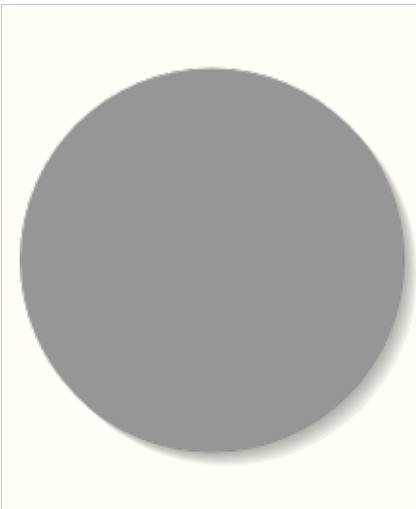
Mathematics	TC018Q02NA01 <input type="checkbox"/>	TC018Q02NB01 <input type="checkbox"/>
Science	TC018Q03NA01 <input type="checkbox"/>	TC018Q03NB01 <input type="checkbox"/>
Technology	TC018Q04NA01 <input type="checkbox"/>	TC018Q04NB01 <input type="checkbox"/>
Social studies	TC018Q05NA01 <input type="checkbox"/>	TC018Q05NB01 <input type="checkbox"/>
Modern foreign languages	TC018Q06NA01 <input type="checkbox"/>	TC018Q06NB01 <input type="checkbox"/>
Ancient languages (e.g., Latin)	TC018Q07NA01 <input type="checkbox"/>	TC018Q07NB01 <input type="checkbox"/>
Arts	TC018Q08NA01 <input type="checkbox"/>	TC018Q08NB01 <input type="checkbox"/>
Physical education	TC018Q09NA01 <input type="checkbox"/>	TC018Q09NB01 <input type="checkbox"/>
Religion and/or ethics	TC018Q10NA01 <input type="checkbox"/>	TC018Q10NB01 <input type="checkbox"/>
Practical and vocational skills	TC018Q11NA01 <input type="checkbox"/>	TC018Q11NB01 <input type="checkbox"/>

## Science Teacher Questionnaire

**What proportion of your teacher education or training program or other professional qualification was dedicated to each of the following areas?**

*(For each area please enter an approximate percentage, e.g., "20" in the first row to indicate 20% of initial education time used for science and technology content matter.)*

*(Note that the percentages must add up to 100.)*

	<b>Science and technology content matter:</b> knowledge and skills in any science discipline	TC 029Q01NA01 <input type="text"/>
	<b>Teaching and learning science:</b> teaching methodology related to science, instructional skills (e.g., use of experiments), student misconceptions	TC 029Q02NA01 <input type="text"/>
	<b>General topics in education:</b> e.g., teacher-student interaction, classroom management, school evaluation, special education	TC 029Q03NA01 <input type="text"/>
	<b>Other topics</b>	TC 029Q04NA01 <input type="text"/>

## Science Teacher Questionnaire

During the last 12 months, did you participate in any of the following activities?

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

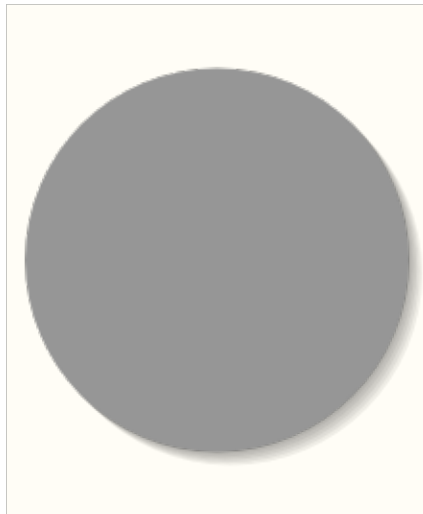
	Yes	No
Degree program	TC 020Q01NA01 <input type="radio"/>	TC 020Q01NA02 <input type="radio"/>
Participation in a network of teachers formed specifically for the professional development of teachers	TC 020Q02NA01 <input type="radio"/>	TC 020Q02NA02 <input type="radio"/>
Individual or collaborative research on a topic of interest to you professionally	TC 020Q03NA01 <input type="radio"/>	TC 020Q03NA02 <input type="radio"/>
Mentoring and/or peer observation and coaching, as part of a formal school arrangement	TC 020Q04NA01 <input type="radio"/>	TC 020Q04NA02 <input type="radio"/>
Reading professional literature (e.g., journals, evidence-based papers, thesis papers)	TC 020Q05NA01 <input type="radio"/>	TC 020Q05NA02 <input type="radio"/>
Engaging in informal dialogue with your colleagues on how to improve your teaching	TC 020Q06NA01 <input type="radio"/>	TC 020Q06NA02 <input type="radio"/>

## Science Teacher Questionnaire

**During the last 12 months, what proportion of your professional development activities was dedicated to each of the following areas?**

*(For each area please enter an approximate percentage, e.g., "20" in the first row to indicate 20% of professional development activity time used for science and technology content matter.)*

*(Note that the percentages must add up to 100.)*



<b>Science and technology content matter:</b> knowledge and skills in any science discipline	TC030Q01NA01 <input type="text"/>
<b>Teaching and learning science:</b> teaching methodology related to science, instructional skills (e.g., use of experiments), student misconceptions	TC030Q02NA01 <input type="text"/>
<b>General topics in education:</b> e.g., teacher-student interaction, classroom management, school evaluation, special education, special education	TC030Q03NA01 <input type="text"/>
<b>Other topics</b>	TC030Q04NA01 <input type="text"/>

## Science Teacher Questionnaire

**Are you required to take part in professional development activities?**

*(Please select one response.)*

Yes

TC021Q01NA01

No

TC021Q01NA02

**Science Teacher Questionnaire**

**Your School**

## Science Teacher Questionnaire

**Is your school's capacity to provide instruction hindered by any of the following issues?**

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

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>A lot</i>
A lack of teaching staff.	TC028Q01NA01 <input type="radio"/>	TC028Q01NA02 <input type="radio"/>	TC028Q01NA03 <input type="radio"/>	TC028Q01NA04 <input type="radio"/>
Inadequate or poorly qualified teaching staff.	TC028Q02NA01 <input type="radio"/>	TC028Q02NA02 <input type="radio"/>	TC028Q02NA03 <input type="radio"/>	TC028Q02NA04 <input type="radio"/>
A lack of assisting staff.	TC028Q03NA01 <input type="radio"/>	TC028Q03NA02 <input type="radio"/>	TC028Q03NA03 <input type="radio"/>	TC028Q03NA04 <input type="radio"/>
Inadequate or poorly qualified assisting staff.	TC028Q04NA01 <input type="radio"/>	TC028Q04NA02 <input type="radio"/>	TC028Q04NA03 <input type="radio"/>	TC028Q04NA04 <input type="radio"/>
A lack of educational material (e.g., textbooks, IT equipment, library or laboratory material).	TC028Q05NA01 <input type="radio"/>	TC028Q05NA02 <input type="radio"/>	TC028Q05NA03 <input type="radio"/>	TC028Q05NA04 <input type="radio"/>
Inadequate or poor quality educational material (e.g., textbooks, IT equipment, library or laboratory material).	TC028Q06NA01 <input type="radio"/>	TC028Q06NA02 <input type="radio"/>	TC028Q06NA03 <input type="radio"/>	TC028Q06NA04 <input type="radio"/>
A lack of physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	TC028Q07NA01 <input type="radio"/>	TC028Q07NA02 <input type="radio"/>	TC028Q07NA03 <input type="radio"/>	TC028Q07NA04 <input type="radio"/>
Inadequate or poor quality physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA system).	TC028Q08NA01 <input type="radio"/>	TC028Q08NA02 <input type="radio"/>	TC028Q08NA03 <input type="radio"/>	TC028Q08NA04 <input type="radio"/>

**Science Teacher Questionnaire**

**Is there any formal curriculum for science in 10th grade?**

*(Please consider national, state, regional, or school policies.)*

*(Please select one response.)*

Yes

TC039Q01NA01

No

TC039Q01NA02



## Science Teacher Questionnaire

**How much emphasis is given to the following approaches and processes in the intended science curriculum for 10th grade?**

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

	<i>No emphasis</i>	<i>Very little emphasis</i>	<i>Some emphasis</i>	<i>A lot of emphasis</i>
Knowing basic science facts and principles	TC041Q01NA01 <input type="radio"/>	TC041Q01NA02 <input type="radio"/>	TC041Q01NA03 <input type="radio"/>	TC041Q01NA04 <input type="radio"/>
Observing natural phenomena and describing what is seen	TC041Q02NA01 <input type="radio"/>	TC041Q02NA02 <input type="radio"/>	TC041Q02NA03 <input type="radio"/>	TC041Q02NA04 <input type="radio"/>
Providing explanations of what is being studied	TC041Q03NA01 <input type="radio"/>	TC041Q03NA02 <input type="radio"/>	TC041Q03NA03 <input type="radio"/>	TC041Q03NA04 <input type="radio"/>
Designing and planning experiments or investigations	TC041Q04NA01 <input type="radio"/>	TC041Q04NA02 <input type="radio"/>	TC041Q04NA03 <input type="radio"/>	TC041Q04NA04 <input type="radio"/>
Conducting experiments or investigations	TC041Q05NA01 <input type="radio"/>	TC041Q05NA02 <input type="radio"/>	TC041Q05NA03 <input type="radio"/>	TC041Q05NA04 <input type="radio"/>
Integrating science with other subjects	TC041Q06NA01 <input type="radio"/>	TC041Q06NA02 <input type="radio"/>	TC041Q06NA03 <input type="radio"/>	TC041Q06NA04 <input type="radio"/>
Relating what students are learning to their daily lives	TC041Q07NA01 <input type="radio"/>	TC041Q07NA02 <input type="radio"/>	TC041Q07NA03 <input type="radio"/>	TC041Q07NA04 <input type="radio"/>
Incorporating the experiences of different ethnic/cultural groups	TC041Q08NA01 <input type="radio"/>	TC041Q08NA02 <input type="radio"/>	TC041Q08NA03 <input type="radio"/>	TC041Q08NA04 <input type="radio"/>

**Science Teacher Questionnaire**

**Are parents informed about the availability and content of the science curriculum (e.g., in a parent-teacher conference or a newsletter)?**

*(Please select one response.)*

Yes

TC043Q01NA01

No

TC043Q01NA02

## Science Teacher Questionnaire

**To what extent do you disagree or agree with the following statements about regular cooperation among your fellow science teachers and yourself?**

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

	<i>Strongly disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly agree</i>
We discuss the achievement requirements for science when setting tests.	TC031Q04NA01 <input type="radio"/>	TC031Q04NA02 <input type="radio"/>	TC031Q04NA03 <input type="radio"/>	TC031Q04NA04 <input type="radio"/>
It is natural for us to cooperate on what homework to give to our students.	TC031Q07NA01 <input type="radio"/>	TC031Q07NA02 <input type="radio"/>	TC031Q07NA03 <input type="radio"/>	TC031Q07NA04 <input type="radio"/>
We discuss the criteria we use to grade written tests.	TC031Q11NA01 <input type="radio"/>	TC031Q11NA02 <input type="radio"/>	TC031Q11NA03 <input type="radio"/>	TC031Q11NA04 <input type="radio"/>
We exchange lesson plans and homework that cover a range of different levels of difficulty.	TC031Q13NA01 <input type="radio"/>	TC031Q13NA02 <input type="radio"/>	TC031Q13NA03 <input type="radio"/>	TC031Q13NA04 <input type="radio"/>
I prepare a selection of teaching units with my fellow science teachers.	TC031Q14NA01 <input type="radio"/>	TC031Q14NA02 <input type="radio"/>	TC031Q14NA03 <input type="radio"/>	TC031Q14NA04 <input type="radio"/>
We discuss ways to teach learning strategies and techniques to our students.	TC031Q15NA01 <input type="radio"/>	TC031Q15NA02 <input type="radio"/>	TC031Q15NA03 <input type="radio"/>	TC031Q15NA04 <input type="radio"/>
My fellow science teachers benefit from my specific skills and interests.	TC031Q18NA01 <input type="radio"/>	TC031Q18NA02 <input type="radio"/>	TC031Q18NA03 <input type="radio"/>	TC031Q18NA04 <input type="radio"/>
We discuss ways to better identify students' individual strengths and weaknesses.	TC031Q20NA01 <input type="radio"/>	TC031Q20NA02 <input type="radio"/>	TC031Q20NA03 <input type="radio"/>	TC031Q20NA04 <input type="radio"/>

## Science Teacher Questionnaire

**We would like to know how you generally feel about your job. How strongly 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>
The advantages of being a teacher clearly outweigh the disadvantages.	TC026Q01NA01 <input type="radio"/>	TC026Q01NA02 <input type="radio"/>	TC026Q01NA03 <input type="radio"/>	TC026Q01NA04 <input type="radio"/>
If I could decide again, I would still choose to work as a teacher.	TC026Q02NA01 <input type="radio"/>	TC026Q02NA02 <input type="radio"/>	TC026Q02NA03 <input type="radio"/>	TC026Q02NA04 <input type="radio"/>
I regret that I decided to become a teacher.	TC026Q04NA01 <input type="radio"/>	TC026Q04NA02 <input type="radio"/>	TC026Q04NA03 <input type="radio"/>	TC026Q04NA04 <input type="radio"/>
I enjoy working at this school.	TC026Q05NA01 <input type="radio"/>	TC026Q05NA02 <input type="radio"/>	TC026Q05NA03 <input type="radio"/>	TC026Q05NA04 <input type="radio"/>
I wonder whether it would have been better to choose another profession.	TC026Q06NA01 <input type="radio"/>	TC026Q06NA02 <input type="radio"/>	TC026Q06NA03 <input type="radio"/>	TC026Q06NA04 <input type="radio"/>
I would recommend my school as a good place to work.	TC026Q07NA01 <input type="radio"/>	TC026Q07NA02 <input type="radio"/>	TC026Q07NA03 <input type="radio"/>	TC026Q07NA04 <input type="radio"/>
I am satisfied with my performance in this school.	TC026Q09NA01 <input type="radio"/>	TC026Q09NA02 <input type="radio"/>	TC026Q09NA03 <input type="radio"/>	TC026Q09NA04 <input type="radio"/>
All in all, I am satisfied with my job.	TC026Q10NA01 <input type="radio"/>	TC026Q10NA02 <input type="radio"/>	TC026Q10NA03 <input type="radio"/>	TC026Q10NA04 <input type="radio"/>

**Science Teaching Practices**

## Science Teacher Questionnaire

### How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
Students are asked to draw conclusions from an experiment they have conducted.	TC037Q01NA01 <input type="radio"/>	TC037Q01NA02 <input type="radio"/>	TC037Q01NA03 <input type="radio"/>	TC037Q01NA04 <input type="radio"/>
Students are given opportunities to explain their ideas.	TC037Q02NA01 <input type="radio"/>	TC037Q02NA02 <input type="radio"/>	TC037Q02NA03 <input type="radio"/>	TC037Q02NA04 <input type="radio"/>
I explain scientific ideas.	TC037Q03NA01 <input type="radio"/>	TC037Q03NA02 <input type="radio"/>	TC037Q03NA03 <input type="radio"/>	TC037Q03NA04 <input type="radio"/>
A small-group discussion between students takes place.	TC037Q04NA01 <input type="radio"/>	TC037Q04NA02 <input type="radio"/>	TC037Q04NA03 <input type="radio"/>	TC037Q04NA04 <input type="radio"/>
A whole-class discussion takes place in which I participate.	TC037Q05NA01 <input type="radio"/>	TC037Q05NA02 <input type="radio"/>	TC037Q05NA03 <input type="radio"/>	TC037Q05NA04 <input type="radio"/>
Current scientific issues are discussed.	TC037Q06NA01 <input type="radio"/>	TC037Q06NA02 <input type="radio"/>	TC037Q06NA03 <input type="radio"/>	TC037Q06NA04 <input type="radio"/>
Students make calculations using scientific formulas.	TC037Q07NA01 <input type="radio"/>	TC037Q07NA02 <input type="radio"/>	TC037Q07NA03 <input type="radio"/>	TC037Q07NA04 <input type="radio"/>
I use an interactive white board.	TC037Q08NA01 <input type="radio"/>	TC037Q08NA02 <input type="radio"/>	TC037Q08NA03 <input type="radio"/>	TC037Q08NA04 <input type="radio"/>
Students do their own scientific study and related research.	TC037Q09NA01 <input type="radio"/>	TC037Q09NA02 <input type="radio"/>	TC037Q09NA03 <input type="radio"/>	TC037Q09NA04 <input type="radio"/>
	TC037Q10NA01	TC037Q10NA02	TC037Q10NA03	TC037Q10NA04

## Science Teacher Questionnaire

I discuss questions that students ask.	TC037Q10NA01 <input type="radio"/>	TC037Q10NA02 <input type="radio"/>	TC037Q10NA03 <input type="radio"/>	TC037Q10NA04 <input type="radio"/>
Students carry out practical work.	TC037Q11NA01 <input type="radio"/>	TC037Q11NA02 <input type="radio"/>	TC037Q11NA03 <input type="radio"/>	TC037Q11NA04 <input type="radio"/>
Students write up laboratory reports.	TC037Q12NA01 <input type="radio"/>	TC037Q12NA02 <input type="radio"/>	TC037Q12NA03 <input type="radio"/>	TC037Q12NA04 <input type="radio"/>
I demonstrate an idea.	TC037Q13NA01 <input type="radio"/>	TC037Q13NA02 <input type="radio"/>	TC037Q13NA03 <input type="radio"/>	TC037Q13NA04 <input type="radio"/>
I discuss questions of practical relevance.	TC037Q14NA01 <input type="radio"/>	TC037Q14NA02 <input type="radio"/>	TC037Q14NA03 <input type="radio"/>	TC037Q14NA04 <input type="radio"/>
Students read materials from a textbook.	TC037Q15NA01 <input type="radio"/>	TC037Q15NA02 <input type="radio"/>	TC037Q15NA03 <input type="radio"/>	TC037Q15NA04 <input type="radio"/>
Students take notes from the board.	TC037Q16NA01 <input type="radio"/>	TC037Q16NA02 <input type="radio"/>	TC037Q16NA03 <input type="radio"/>	TC037Q16NA04 <input type="radio"/>
Students discuss materials from a textbook.	TC037Q17NA01 <input type="radio"/>	TC037Q17NA02 <input type="radio"/>	TC037Q17NA03 <input type="radio"/>	TC037Q17NA04 <input type="radio"/>
Students watch videos.	TC037Q18NA01 <input type="radio"/>	TC037Q18NA02 <input type="radio"/>	TC037Q18NA03 <input type="radio"/>	TC037Q18NA04 <input type="radio"/>
Students use the internet.	TC037Q19NA01 <input type="radio"/>	TC037Q19NA02 <input type="radio"/>	TC037Q19NA03 <input type="radio"/>	TC037Q19NA04 <input type="radio"/>
The class corrects homework or a test.	TC037Q20NA01 <input type="radio"/>	TC037Q20NA02 <input type="radio"/>	TC037Q20NA03 <input type="radio"/>	TC037Q20NA04 <input type="radio"/>
Students fill out worksheets.	TC037Q21NA01 <input type="radio"/>	TC037Q21NA02 <input type="radio"/>	TC037Q21NA03 <input type="radio"/>	TC037Q21NA04 <input type="radio"/>
Students present something to the rest of the class.	TC037Q22NA01 <input type="radio"/>	TC037Q22NA02 <input type="radio"/>	TC037Q22NA03 <input type="radio"/>	TC037Q22NA04 <input type="radio"/>

## Science Teacher Questionnaire

**To what extent can (or could) you do the following?**

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

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>To a large extent</i>
Design experiments and hands-on activities for inquiry-based learning	TC033Q04NA01 <input type="radio"/>	TC033Q04NA02 <input type="radio"/>	TC033Q04NA03 <input type="radio"/>	TC033Q04NA04 <input type="radio"/>
Assign tailored tasks to the weakest as well as to the best students	TC033Q05NA01 <input type="radio"/>	TC033Q05NA02 <input type="radio"/>	TC033Q05NA03 <input type="radio"/>	TC033Q05NA04 <input type="radio"/>
Use a variety of assessment strategies	TC033Q06NA01 <input type="radio"/>	TC033Q06NA02 <input type="radio"/>	TC033Q06NA03 <input type="radio"/>	TC033Q06NA04 <input type="radio"/>
Facilitate a discussion among students on how to interpret experimental findings	TC033Q08NA01 <input type="radio"/>	TC033Q08NA02 <input type="radio"/>	TC033Q08NA03 <input type="radio"/>	TC033Q08NA04 <input type="radio"/>



## Science Teacher Questionnaire

### To what extent can (or could) you do the following?

(If you need further explanation of the term my scientific discipline, please use the help button.)

(Please select one response in each row.)

Your scientific discipline refers to one specific science discipline your main science subject belongs to. If you teach the same number of hours for several science subjects, you should choose only one and relate your answer to it.

	<i>Not at all</i>	<i>Very little</i>	<i>To some extent</i>	<i>To a large extent</i>
Explain a complex scientific concept to a fellow teacher	TC034Q01NA01 <input type="radio"/>	TC034Q01NA02 <input type="radio"/>	TC034Q01NA03 <input type="radio"/>	TC034Q01NA04 <input type="radio"/>
State and defend an informed position on ethical problems relating to science	TC034Q02NA01 <input type="radio"/>	TC034Q02NA02 <input type="radio"/>	TC034Q02NA03 <input type="radio"/>	TC034Q02NA04 <input type="radio"/>
Read state-of-the art papers in my scientific discipline	TC034Q04NA01 <input type="radio"/>	TC034Q04NA02 <input type="radio"/>	TC034Q04NA03 <input type="radio"/>	TC034Q04NA04 <input type="radio"/>
Explain the links between biology, physics and chemistry	TC034Q06NA01 <input type="radio"/>	TC034Q06NA02 <input type="radio"/>	TC034Q06NA03 <input type="radio"/>	TC034Q06NA04 <input type="radio"/>

**Science Teacher Questionnaire**

**Thank you very much for your cooperation in completing this questionnaire!**

PISA 2015 Main Study  
Student Questionnaire

## Student Questionnaire

*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*
- Learning science 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 science. Please think of all the different subjects and courses in your school that teach content related to science. Your school might teach science in different subjects such as physics, chemistry, biology, Earth and geology, space and astronomy, applied sciences and technology (e.g., engineering, robotics), or your school teaches a general, integrated, or comprehensive science course (e.g., anatomy and physiology, biological and physical 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 answers from other students to calculate totals and averages. All information (or responses) you provide may only be used for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law [Education Science Reform Act of 2002 (ESRA 2002), 20 U.S. Code, Section 9573].***

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**You, Your Family, and Your Home**

## Student Questionnaire

**What grade are you in?**

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

Grade

ST001Q01TA01

Select...



- Grade ( ST001Q01TA01 )  
Select...  
7  
8  
9  
10  
11  
12

## Student Questionnaire

### When were you born?

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

Month

ST003Q02TA01

Select...

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

Day

ST003Q01TA01

Select...

- Day ( ST003Q01TA01 )  
Select...  
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## Student Questionnaire

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Year

ST003Q03TA01

Select...

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



## Student Questionnaire

**Are you female or male?**

*(Please select one response.)*

Female

ST004Q01TA01

Male

ST004Q01TA02

## Student Questionnaire

**What is the highest level of schooling (not including college) completed by your mother?**

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

*(Please select one response.)*

She completed grade 12 (high school diploma or GED).

ST005C01TA01

She completed grade 9.

ST005C01TA02

She completed grade 6.

ST005C01TA03

She did not complete grade 6.

ST005C01TA05

## Student Questionnaire

### Does your mother have any of the following degrees, certificates, or diplomas?

*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, doctoral, or professional degree such as medicine or law	ST006Q01TA01 <input type="radio"/>	ST006Q01TA02 <input type="radio"/>
Bachelor's degree (4-year college degree)	ST006Q02TA01 <input type="radio"/>	ST006Q02TA02 <input type="radio"/>
Associate's degree (2-year degree from a community college)	ST006Q03TA01 <input type="radio"/>	ST006Q03TA02 <input type="radio"/>
Vocational or technical certificate/diploma after high school (such as cosmetology or auto mechanics)	ST006Q04TA01 <input type="radio"/>	ST006Q04TA02 <input type="radio"/>

## Student Questionnaire

**What is the highest level of schooling (not including college) completed by your father?**

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

*(Please select one response.)*

He completed grade 12 (high school diploma or GED).

ST007C01TA01

He completed grade 9.

ST007C01TA02

He completed grade 6.

ST007C01TA03

He did not complete grade 6.

ST007C01TA05

## Student Questionnaire

**Does your father have any of the following degrees, certificates, or diplomas?**

*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, doctoral, or professional degree such as medicine or law	ST008Q01TA01 <input type="radio"/>	ST008Q01TA02 <input type="radio"/>
Bachelor's degree (4-year college degree)	ST008Q02TA01 <input type="radio"/>	ST008Q02TA02 <input type="radio"/>
Associate's degree (2-year degree from a community college)	ST008Q03TA01 <input type="radio"/>	ST008Q03TA02 <input type="radio"/>
Vocational or technical certificate/diploma after high school (such as cosmetology or auto mechanics)	ST008Q04TA01 <input type="radio"/>	ST008Q04TA02 <input type="radio"/>

## Student Questionnaire

### 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)	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"/>

## Student Questionnaire

Technical reference books or manuals	ST011Q11TA01 <input type="radio"/>	ST011Q11TA02 <input type="radio"/>
A dictionary	ST011Q12TA01 <input type="radio"/>	ST011Q12TA02 <input type="radio"/>
Books on art, music, or design	ST011Q16NA01 <input type="radio"/>	ST011Q16NA02 <input type="radio"/>
A guest room	ST011Q17TA01 <input type="radio"/>	ST011Q17TA02 <input type="radio"/>
A high-speed Internet connection	ST011Q18TA01 <input type="radio"/>	ST011Q18TA02 <input type="radio"/>
A musical instrument	ST011Q19TA01 <input type="radio"/>	ST011Q19TA02 <input type="radio"/>

## Student Questionnaire

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

(Please select one response in each row.)

	None	One	Two	Three or more
Televisions	ST012Q01TA01 <input type="radio"/>	ST012Q01TA02 <input type="radio"/>	ST012Q01TA03 <input type="radio"/>	ST012Q01TA04 <input type="radio"/>
Cars	ST012Q02TA01 <input type="radio"/>	ST012Q02TA02 <input type="radio"/>	ST012Q02TA03 <input type="radio"/>	ST012Q02TA04 <input type="radio"/>
Bathrooms with a bathtub or shower	ST012Q03TA01 <input type="radio"/>	ST012Q03TA02 <input type="radio"/>	ST012Q03TA03 <input type="radio"/>	ST012Q03TA04 <input type="radio"/>
Cell 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®)	ST012Q07NA01 <input type="radio"/>	ST012Q07NA02 <input type="radio"/>	ST012Q07NA03 <input type="radio"/>	ST012Q07NA04 <input type="radio"/>
E-book readers (e.g., Kindle™, Nook)	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"/>



## Student Questionnaire

### How many books are there in your home?

*There are usually about 15 books per foot 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

## Student Questionnaire

**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, cook, 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 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

## Student Questionnaire

**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, cook, 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 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

## Student Questionnaire

Thinking about this school 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"/>

## Student Questionnaire

**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>
United States*	ST019AQ01T01 <input type="radio"/>	ST019BQ01T01 <input type="radio"/>	ST019CQ01T01 <input type="radio"/>
Other country	ST019AQ01T02 <input type="radio"/>	ST019BQ01T02 <input type="radio"/>	ST019CQ01T02 <input type="radio"/>

\* NOTE: The "United States" refers to the 50 states, District of Columbia, and U.S. military bases abroad.

## Student Questionnaire

### How old were you when you arrived in the United States?

*(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

## Student Questionnaire

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

*(Please select one response.)*

---

English

ST022Q01TA01

Spanish

ST022Q01TA02

Other language

ST022Q01TA03

---

## Student Questionnaire

**How old were you when you started pre-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 pre-school
  - I do not remember




## Student Questionnaire

**How old were you when you started first grade?**

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

years old

ST126Q01TA01

Select... 

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

## Student Questionnaire

### 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>
In kindergarten	ST127Q01NA01 <input type="radio"/>	ST127Q01NA02 <input type="radio"/>	ST127Q01NA03 <input type="radio"/>
In grades 1-6	ST127Q02NA01 <input type="radio"/>	ST127Q02NA02 <input type="radio"/>	ST127Q02NA03 <input type="radio"/>
In grades 7-9	ST127Q03NA01 <input type="radio"/>	ST127Q03NA02 <input type="radio"/>	ST127Q03NA03 <input type="radio"/>
In grades 10-12	ST127C01NA01 <input type="radio"/>	ST127C01NA02 <input type="radio"/>	ST127C01NA03 <input type="radio"/>

**Student Questionnaire**

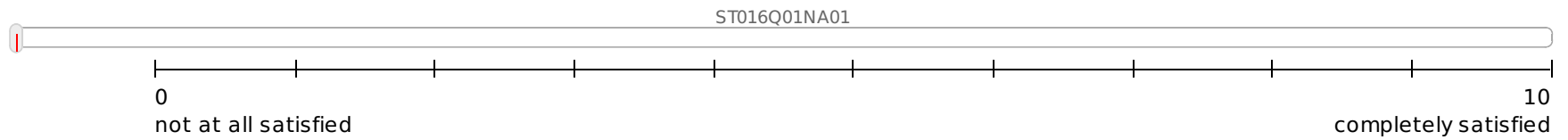
**How You Think About Your Life**

## Student Questionnaire

The following question asks how satisfied you feel about your life, on a scale from “0” to “10.” Zero means you feel ‘not at all satisfied’ and “10” means ‘completely satisfied.’

**Overall, how satisfied are you with your life as a whole these days?**

*(Please move the slider to the appropriate number.)*



## Student Questionnaire

Which of the following do you expect to complete?

*(Please select one response.)*

Less than high school

ST111Q01TA01

High school (high school diploma or GED)

ST111Q01TA02

Vocational or technical certificate (such as cosmetology or auto mechanics)

ST111Q01TA03

Associate's degree (2-year degree from a community college)

ST111Q01TA04

Bachelor's degree (4-year college degree)

ST111Q01TA05

Master's degree or doctoral or professional degree such as medicine or law

ST111Q01TA06

**Student Questionnaire**

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

Please type in the job title.

ST114Q01TA01

## Student Questionnaire

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 taking a test will be difficult for me.	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"/>

## Student Questionnaire

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"/>



## Student Questionnaire

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

**Student Questionnaire**

**Your School**

## Student Questionnaire

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 succeed.	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"/>

## Student Questionnaire

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 in 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"/>

## Student Questionnaire

**During the past 12 months, how often did you have 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"/>

## Student Questionnaire

**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 rumors about me.	ST038Q08NA01 <input type="radio"/>	ST038Q08NA02 <input type="radio"/>	ST038Q08NA03 <input type="radio"/>	ST038Q08NA04 <input type="radio"/>

**Your School Schedule and Learning Time**

## Student Questionnaire

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

*(Please enter a number in each row. Enter "0" (zero) if you have none.)*

---

Number of class periods per week in English (e.g., language arts, literature, writing):

ST059Q01TA01

Number of class periods per week in mathematics:

ST059Q02TA01

Number of class periods per week in science:

ST059Q03TA01

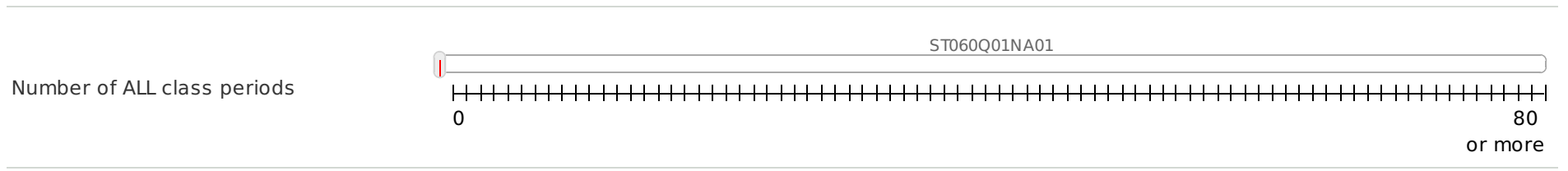
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**Student Questionnaire**

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

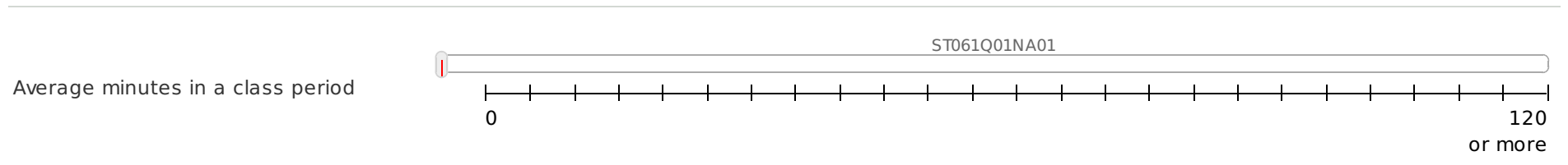
*(Please move the slider to the number of class periods per week.)*



## Student Questionnaire

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

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



## Student Questionnaire

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

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

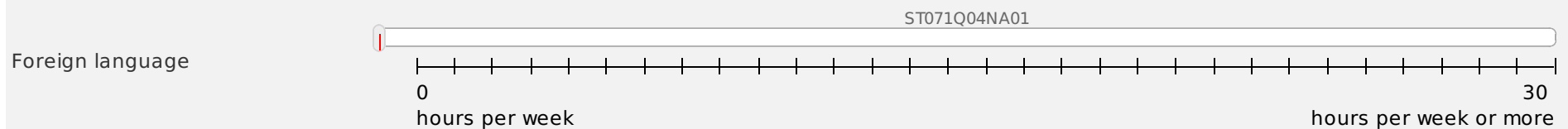
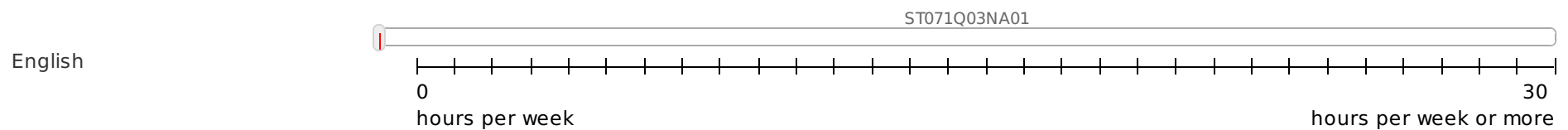
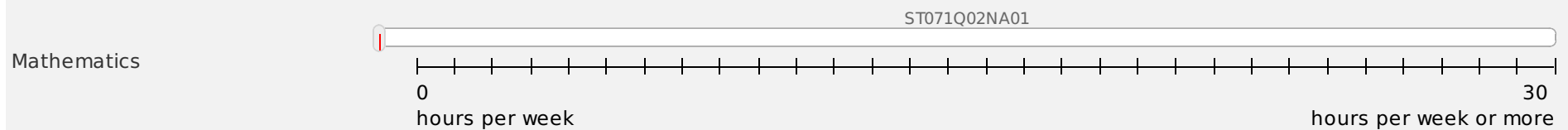
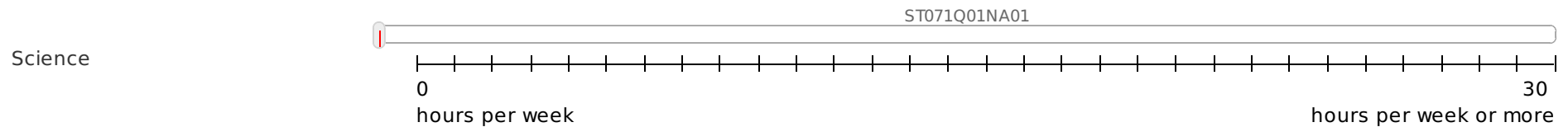
	<i>None</i>	<i>One or two times</i>	<i>Three or four times</i>	<i>Five or more times</i>
I missed a whole school day.	ST062Q01TA01 <input type="radio"/>	ST062Q01TA02 <input type="radio"/>	ST062Q01TA03 <input type="radio"/>	ST062Q01TA04 <input type="radio"/>
I missed some classes.	ST062Q02TA01 <input 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"/>

## Student Questionnaire

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

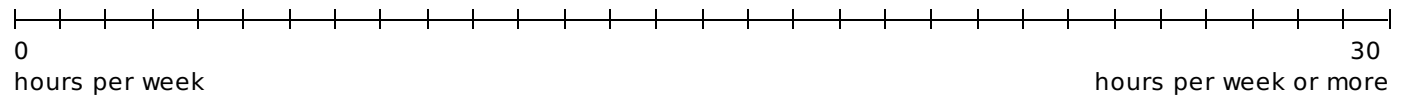
*(Please include the total hours for homework, additional instruction, and private study.)*

*(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.)*



**Student Questionnaire**

Other



## Student Questionnaire

**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

## Student Questionnaire

### 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, skate boarding)

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, skate boarding) ( 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, basketball)

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, basketball) ( ST032Q02NA01 )  
Select...
  - 0 days
  - 1 day
  - 2 days
  - 3 days
  - 4 days
  - 5 days
  - 6 days
  - 7 days

**Learning Science in School**



## Student Questionnaire

Which of the following 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"/>
Earth and space	ST063Q04NA01 <input type="checkbox"/>	ST063Q04NB02 <input type="checkbox"/>
Applied sciences and technology (e.g., engineering, robotics)	ST063Q05NA01 <input type="checkbox"/>	ST063Q05NB02 <input type="checkbox"/>
General, integrated, or comprehensive science course (e.g., anatomy and physiology, biological and physical science)	ST063Q06NA01 <input type="checkbox"/>	ST063Q06NB02 <input type="checkbox"/>

## Student Questionnaire

To what extent can you choose the following for your 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 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 science courses or class periods.	ST064Q03NA01 <input type="radio"/>	ST064Q03NA02 <input type="radio"/>	ST064Q03NA03 <input type="radio"/>

## Student Questionnaire

### How often do these things happen in your science classes?

(Please select one response in each row.)

	<i>Every class</i>	<i>Most classes</i>	<i>Some classes</i>	<i>Never or hardly ever</i>
Students don't listen to what the teacher says.	ST097Q01TA01 <input type="radio"/>	ST097Q01TA02 <input type="radio"/>	ST097Q01TA03 <input type="radio"/>	ST097Q01TA04 <input type="radio"/>
There is noise and disorder.	ST097Q02TA01 <input type="radio"/>	ST097Q02TA02 <input type="radio"/>	ST097Q02TA03 <input type="radio"/>	ST097Q02TA04 <input type="radio"/>
The teacher has to wait a long time for students to quiet 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"/>

## Student Questionnaire

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

(Please select one response in each row.)

	<i>Every class</i>	<i>Most classes</i>	<i>Some classes</i>	<i>Never or hardly ever</i>
Students 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 they have conducted	ST098Q05TA01 <input type="radio"/>	ST098Q05TA02 <input type="radio"/>	ST098Q05TA03 <input type="radio"/>	ST098Q05TA04 <input type="radio"/>
The teacher explains how a science idea can be applied to a number of different phenomena (e.g., the movement of objects, substances with similar properties)	ST098Q06TA01 <input type="radio"/>	ST098Q06TA02 <input type="radio"/>	ST098Q06TA03 <input type="radio"/>	ST098Q06TA04 <input type="radio"/>
Students are allowed to design their own experiments	ST098Q07TA01 <input type="radio"/>	ST098Q07TA02 <input type="radio"/>	ST098Q07TA03 <input type="radio"/>	ST098Q07TA04 <input type="radio"/>
There is a class debate about investigations.	ST098Q08NA01 <input type="radio"/>	ST098Q08NA02 <input type="radio"/>	ST098Q08NA03 <input type="radio"/>	ST098Q08NA04 <input type="radio"/>
The teacher clearly explains the relevance of science concepts to students' 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"/>

## Student Questionnaire

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

---

**What is the name of this science course?**  
*(Please type in the name of the course.)*

ST065Q01NA01

## Student Questionnaire

### How often do these things happen in your science classes?

(Please select one response in each row.)

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

## Student Questionnaire

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

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

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher explains scientific ideas.	ST103Q01NA01 <input type="radio"/>	ST103Q01NA02 <input type="radio"/>	ST103Q01NA03 <input type="radio"/>	ST103Q01NA04 <input type="radio"/>
A 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"/>
Students write up laboratory reports.	ST103Q10NA01 <input type="radio"/>	ST103Q10NA02 <input type="radio"/>	ST103Q10NA03 <input type="radio"/>	ST103Q10NA04 <input type="radio"/>
The teacher demonstrates an idea.	ST103Q11NA01 <input type="radio"/>	ST103Q11NA02 <input type="radio"/>	ST103Q11NA03 <input type="radio"/>	ST103Q11NA04 <input type="radio"/>

## Student Questionnaire

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

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

(Please select one response in each row.)

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



## Student Questionnaire

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

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

(Please select one response in each row.)

	<i>Never or almost never</i>	<i>Some classes</i>	<i>Many classes</i>	<i>Every class or almost every class</i>
The teacher adapts the lesson to 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"/>

**Student Questionnaire**

**Your View on Science**

## Student Questionnaire

### 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 shortage	ST092Q09NA01 <input type="radio"/>	ST092Q09NA02 <input type="radio"/>	ST092Q09NA03 <input type="radio"/>	ST092Q09NA04 <input type="radio"/>

## Student Questionnaire

**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"/>

## Student Questionnaire

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

(Please select one response in each row.)

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

## Student Questionnaire

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

(Please select one response in each row.)

	<i>Not interested</i>	<i>Hardly interested</i>	<i>Interested</i>	<i>Highly interested</i>	<i>I don't know what this is</i>
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"/>

## Student Questionnaire

### 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 science class(es) is worth it because this will help me in the work I want to do later on	ST113Q01TA01 <input type="radio"/>	ST113Q01TA02 <input type="radio"/>	ST113Q01TA03 <input type="radio"/>	ST113Q01TA04 <input type="radio"/>
What I learn in my science classes 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 science is worthwhile for me because what I learn will improve my career prospects	ST113Q03TA01 <input type="radio"/>	ST113Q03TA02 <input type="radio"/>	ST113Q03TA03 <input type="radio"/>	ST113Q03TA04 <input type="radio"/>
Many things I learn in my science subject(s) will help me to get a job.	ST113Q04TA01 <input type="radio"/>	ST113Q04TA02 <input type="radio"/>	ST113Q04TA03 <input type="radio"/>	ST113Q04TA04 <input type="radio"/>

## Student Questionnaire

**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>
Recognize 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 labels 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"/>



## Student Questionnaire

**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 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 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 science books sometimes change.	ST131Q11NA01 <input type="radio"/>	ST131Q11NA02 <input type="radio"/>	ST131Q11NA03 <input type="radio"/>	ST131Q11NA04 <input type="radio"/>

## Student Questionnaire

### 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 programs about science	ST146Q01TA01 <input type="radio"/>	ST146Q01TA02 <input type="radio"/>	ST146Q01TA03 <input type="radio"/>	ST146Q01TA04 <input type="radio"/>
Borrow or buy books on science topics	ST146Q02TA01 <input type="radio"/>	ST146Q02TA02 <input type="radio"/>	ST146Q02TA03 <input type="radio"/>	ST146Q02TA04 <input type="radio"/>
Visit web sites about science topics	ST146Q03TA01 <input type="radio"/>	ST146Q03TA02 <input type="radio"/>	ST146Q03TA03 <input type="radio"/>	ST146Q03TA04 <input type="radio"/>
Read 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	ST146Q05TA01 <input type="radio"/>	ST146Q05TA02 <input type="radio"/>	ST146Q05TA03 <input type="radio"/>	ST146Q05TA04 <input type="radio"/>
Use computer programs or virtual lab to simulate natural phenomena	ST146Q06NA01 <input type="radio"/>	ST146Q06NA02 <input type="radio"/>	ST146Q06NA03 <input type="radio"/>	ST146Q06NA04 <input type="radio"/>
Use computer programs or virtual lab to simulate technical processes	ST146Q07NA01 <input type="radio"/>	ST146Q07NA02 <input type="radio"/>	ST146Q07NA03 <input type="radio"/>	ST146Q07NA04 <input type="radio"/>
Visit websites of environmental organizations	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"/>

## Student Questionnaire

**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.)*

	Yes	No
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"/>

**Student Questionnaire**

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Exercise or practice a sport

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ST076Q11NA01

ST076Q11NA02

## Student Questionnaire

**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.)*

	Yes	No
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"/>

**Student Questionnaire**

Exercise or practice a sport

ST078Q11NA01

ST078Q11NA02

## Student Questionnaire

**Which best describes you?**

*(Please select one response.)*

---

I am Hispanic or Latino

ST801A01NA01

I am not Hispanic or Latino

ST801A01NA02

## Student Questionnaire

Which of these categories best describes your race?

*(Please select one or more responses.)*

White

ST802A01NA01

Black or African American

ST802A02NA01

Asian

ST802A03NA01

American Indian or Alaska Native

ST802A04NA01

Native Hawaiian or Other Pacific Islander

ST802A05NA01



**Student Questionnaire**

**Thank you very much for your cooperation in completing this questionnaire!**

PISA 2015 Main Study  
Financial Literacy Student Questions

## Financial Student Questions

### Financial Literacy Student Background Questions

#### Have you ever learned how to manage your money in a class?

FQ001Q01

*(Please check one box in each row.)*

- |  | <i>Yes</i>                            | <i>No</i>                             |
|--|---------------------------------------|---------------------------------------|
| a) At school, in a subject or class specifically about managing your money | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) At school as part of another subject or class                           | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| c) In an activity outside school   | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |

#### How often do you discuss money matters (e.g., talk about spending, saving, banking, investment) with these people?

FQ001Q02

*(Please check one box in each row.)*

- |                                      | <i>Never or hardly ever</i>           | <i>Once or twice a month</i>          | <i>Once or twice a week</i>           | <i>Almost every day</i>               |
|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a) Parents/guardians or other adults | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> | <input type="checkbox"/> <sub>4</sub> |
| b) Friends                           | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> | <input type="checkbox"/> <sub>4</sub> |

#### If you don't have enough money to buy something you really want (e.g., an item of clothing, sports equipment), what are you most likely to do?

FQ001Q11

*(Please check only one box.)*

- |  |                                       |
|--|---------------------------------------|
| a) Buy it with money that really should be used for something else | <input type="checkbox"/> <sub>1</sub> |
| b) Try to borrow money from a family member                        | <input type="checkbox"/> <sub>2</sub> |
| c) Try to borrow money from a friend                               | <input type="checkbox"/> <sub>3</sub> |
| d) Save up to buy it   | <input type="checkbox"/> <sub>4</sub> |
| e) Not buy it  | <input type="checkbox"/> <sub>5</sub> |

## Financial Student Questions

### Do you get money from any of these sources?

FQ001Q04

*(Please check one box in each row.)*

- |  | <i>Yes</i>                            | <i>No</i>                             |
|--|---------------------------------------|---------------------------------------|
| a) An allowance or spending money for regularly doing chores at home   | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| b) An allowance or spending money without having to do any chores      | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| c) Working outside school hours (e.g., a seasonal job, part-time work) | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| d) Working in a family business  | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| e) Occasional informal jobs (e.g., babysitting or gardening)           | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| f) Gifts of money from friends or relatives                            | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |
| g) Selling things (e.g., at local markets or on eBay)                  | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> |

### Which of these statements about saving money best applies to you?

FQ001Q10

*(Please check only one box.)*

- |  |                                       |
|--|---------------------------------------|
| a) I save the same amount of money each week or month          | <input type="checkbox"/> <sub>1</sub> |
| b) I save some money each week or month, but the amount varies | <input type="checkbox"/> <sub>2</sub> |
| c) I save money only when I have some to spare                 | <input type="checkbox"/> <sub>3</sub> |
| d) I save money only when I want to buy something              | <input type="checkbox"/> <sub>4</sub> |
| e) I do not save any money                                     | <input type="checkbox"/> <sub>5</sub> |
| f) I have no money so I do not save                            | <input type="checkbox"/> <sub>6</sub> |

### Do you have either of the following?

FQ001Q06

*(Please check one box in each row.)*

- |                        | <i>Yes</i>                            | <i>No</i>                             | <i>I don't know what it is</i>        |
|------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a) Bank account        | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> |
| b) Pre-paid debit card | <input type="checkbox"/> <sub>1</sub> | <input type="checkbox"/> <sub>2</sub> | <input type="checkbox"/> <sub>3</sub> |

PISA 2015 Main Study  
Student Locator Questions

## Student Locator Questions

### Contact Information (for future follow-up study)

We would like some additional information that will help us contact you in the future for a follow-up study. This information will be kept separate from the answers you have provided to the questionnaire and to the assessment you are taking today. This information will be kept confidential and will not be shared or distributed for any other purpose.

#### Q1 What is your email address?

*Please write your complete email address on the line below.*

Email Address: \_\_\_\_\_

Check here if you don't have an email address.

#### Q2 What are your home and cell phone numbers?

*Please provide the complete 10-digit number that includes the area code (XXX-XXX-XXXX).*

Home Phone Number: \_\_\_\_\_

Check here if you don't have a home phone number.

Cell Phone Number: \_\_\_\_\_

Check here if you don't have a cell phone number.

#### Q3 Would you like to receive text messages?

#### Q4 What is your complete home address?

*Be sure to include any apartment number or P.O. Box number.*

\_\_\_\_\_  
*Address 1*

\_\_\_\_\_  
*Address 2*

\_\_\_\_\_  
*City*

\_\_\_\_\_  
*State*

\_\_\_\_\_  
*ZIP code*

**Student Locator Questions**

**Q5 What is the name of a relative or close friend who will know how to contact you within the next two years?**

\_\_\_\_\_

*First* *Middle* *Last*

**Q6 What is this person's email address?**

*Please write your complete email address on the line below.*

Email Address: \_\_\_\_\_  Check here if you don't have an email address.

**Q7 What are the home, cell, and work phone numbers for this person?**

*Please provide the complete 10-digit number that includes the area code (XXX-XXX-XXXX).*

Home Phone Number: \_\_\_\_\_  Check here if you don't know, or they don't have, a home phone number.

Cell Phone Number: \_\_\_\_\_  Check here if you don't know, or they don't have, a cell phone number.

Work Phone Number: \_\_\_\_\_  Check here if you don't know, or they don't have, a work phone number.

**Q8 What is this person's complete home address?**

*Be sure to include any apartment number or P.O. Box number.*

Check here if this person lives with you at the address you provided in Q1 and skip to Q6.

\_\_\_\_\_

*Address 1*

\_\_\_\_\_

*Address 2*

\_\_\_\_\_

*City* *State* *ZIP code*

**Student Locator Questions**

**Q9 What is this person's relationship to you?**

*(Please check one box.)*

- |                      | Yes                      |
|----------------------|--------------------------|
| a. Parent            | <input type="checkbox"/> |
| b. Grandparent       | <input type="checkbox"/> |
| c. Aunt or uncle     | <input type="checkbox"/> |
| d. Brother or sister | <input type="checkbox"/> |
| e. Friend            | <input type="checkbox"/> |
| f. Someone else      | <input type="checkbox"/> |