Program for International Student Assessment 2022 (PISA 2022) Main Study

Appendix C PISA 2022 Main Study Questionnaires

OMB# 1850-0755 v.27

National Center for Education Statistics (NCES)
U.S. Department of Education
Institute of Education Sciences
Washington, DC

August 2019 revised September 2019 revised February 2021 revised February 2022

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PISA 2022 Main Study School Questionnaire



Welcome to the PISA 2022 Computer Based Questionnaires



NCES is authorized to conduct the Program for International Student Assessment (PISA) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. § 9543), and to collect students' education records from educational agencies or institutions for the purpose of evaluating federally supported education programs under the Family Educational Rights and Privacy Act (FERPA, 34 CFR §§ 99.31(a)(3)(iii) and 99.35). The data are being collected for NCES by Westat, a U.S.-based research organization.

All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form, for any other purpose except as required by law (20 U.S.C., § 9573 and 6 U.S.C. § 151). According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it 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 approximately 45 minutes per survey response, including the time to review instructions, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving this survey, or any comments or concerns regarding the status of your individual submission of this survey, please write directly to: The Program for International Student Assessment (PISA), National Center for Education Statistics, Potomac Center Plaza, 550 12th St., SW, Room 4007, Washington, D. C 20202.

OMB Clearance No: 1850-0755 Expiration Date: xx/xx/xxxx

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Dear Principal,

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 will help 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 schools to calculate totals and averages. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). The National Center for Education Statistics (NCES), within the U.S. Department of Education, conducts the Program for International Student Assessment (PISA) in the United States as authorized by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543). All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). 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 45 minutes. If you have any comments or concerns regarding the accuracy of the time estimate(s), suggestions for improving the form, or questions about the status of your individual submission of this form, write directly to: Program for International Student Assessment (PISA), National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th Street, SW, 4th floor, Washington, DC 20212. OMB No. 1850-0755, Approval Expires XX/XX/XXXX

SCIntro1

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)	SC001Q01TA01 C
A small town (3,000 to about 15,000 people)	SC001Q01TA02 C
A town (15,000 to about 100,000 people)	SC001Q01TA03 C
A city (100,000 to about 1,000,000 people)	SC001Q01TA04 C
A large city (1,000,000 to about 10,000,000 people)	SC001Q01TA05 C
A megacity (with over 10,000,000 people)	SC001Q01JA06 C

Is your school a public or a private school?

(Please select one response.)

A public school (This is a school managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by public franchise.)	SC013Q01TA01 C
A private school. (This is a school managed directly or indirectly by a non-government organisation; e.g. a church, trade union, business, or other private institution.)	SC013Q01TA02

What kind of organization runs your school?

(Please select one response.)

A church or other religious organization	SC014Q01TA01
Another not-for-profit organization	SC014Q01TA02
A for-profit organization	SC014Q01TA03
Government (local, state, or federal)	SC014Q01JA04

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 or guardians	SC016Q02TA01
Benefactors, donations, bequests, sponsorships, parent or guardian fundraising	SC016Q03TA01
Other	SC016Q04TA01



We are interested in the options parents and guardians have when choosing a school for their children.

Which of the following statements best describes the schooling available to students in your location?

(Please select one response.)

There are two or more other schools in this area that compete for our students.	SC011Q01TA01		
There is one other school in this area that competes for our students.	SC011Q01TA02 C		
There are no other schools in this area that compete for our students.	SC011Q01TA03 C		

As of February 1, 2022, 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			
C002				

Approximately what percentage of students in Grade 10 in your school have the following characteristics?

(Please consider that students may fall into multiple categories.) (Please move the slider to the appropriate percentage.)

	_		1
Students whose native language is different from English		SC211Q01JA01	
Students whose native language is different from English	0%	SC211Q01JA01	100%
Students with special learning needs		SC211Q02JA01	
	0%		100%
Students from socioeconomically disadvantaged homes		SC211Q03JA01	
, .	0%		100%
Students who are immigrants (not including refugees)		SC211Q04JA01	
g a de Caracia de Cara	0%		100%
Students who have parents who have immigrated		SC211Q05JA01	
Stadents who have parents who have miningrated	0%	55555255	100%
Students who are refugees		SC211Q06JA01	
	0%		100%
Students who are eligible for free or reduced-price lunch through the		SC211C07JA01	
National School Lunch Program	0%		100%

Rule: IF ^SC211Q01JA01 = "" OR ^SC211Q02JA01 = "" OR ^SC211Q03JA01 = "" OR ^SC211Q04JA01 = "" OR ^SC211Q05JA01 = ""

OR ^SC211Q06JA01 = ""

Message: To enter a response of "0" (zero) for a question, please move the slider to the "0" position on the scale.

SC211E01

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	SC018Q01TA02
Teachers fully certified by the state in their main assignment field	SC018Q02TA01	SC018Q02TA02
Teachers with a Bachelor's degree or equivalent	SC018Q08JA01	SC018Q08JA02
Teachers with a Master's degree or equivalent	SC018Q09JA01	SC018Q09JA02
Teachers with a Doctoral degree or equivalent	SC018Q10JA01	SC018Q10JA02

How many of the following are on the mathematics teaching 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 count only those teachers who have taught or will teach mathematics during the current school year.

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

	Full-time	Part-time
Teachers of mathematics in TOTAL	SC182Q01WA01	SC182Q01WA02
Teachers of mathematics fully certified by a relevant teacher certification authority	SC182Q06WA01	SC182Q06WA02
Teachers of mathematics with at least a Bachelor's degree or equivalent	SC182Q07JA01	SC182Q07JA02
Teachers of mathematics with at least a Bachelor's degree or equivalent qualification in mathematics	SC182Q08JA01	SC182Q08JA02
Teachers of mathematics with at least a Bachelor's degree or equivalent qualification in teaching	SC182Q09JA01	SC182Q09JA02
Teachers of mathematics with an Associate's degree but not a Bachelor's degree or equivalent	SC182Q10JA01	SC182Q10JA02

For each type of position I	listed below, _l	please indicate t	the number of	non-teaching sta	ff currently	working i	in this
school							

(Please consider that non-teaching staff may fall into multiple categories.)

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

Personnel for pedagogical support, irrespective of the grade levels/ages they support Including all teacher aides or other non-teaching professionals who provide instruction or support teachers in providing instruction, professional curriculum/instructional specialists, educational media specialists, psychologists, and nurses	SC168Q01JA01
School administrative personnel Including receptionists, secretaries, and administration assistants	SC168Q02JA01
School management personnel Including principals, assistant principals, and other staff whose main activity is management	SC168Q03JA01
Other non-teaching staff	SC168Q04JA01

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

(Please select one response in each row.)

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

In your school, how likely is it that a student in Grade 10 would be transferred to another school for the following reasons?

(Please select one response in each row.)

	Not likely	Likely	Very likely
Low academic achievement	SC185Q01WA	SC185Q01WA	SC185Q01WA
	01	02	03
	C	C	C
High academic achievement	SC185Q02WA	SC185Q02WA	SC185Q02WA
	01	02	03
	C	C	C
Behavioral problems	SC185Q03WA	SC185Q03WA	SC185Q03WA
	01	02	03
	C	C	C
Special learning needs	SC185Q04WA 01 C	SC185Q04WA 02 C	SC185Q04WA 03
Parents' or guardians' request	SC185Q05WA	SC185Q05WA	SC185Q05WA
	01	02	03
	C	C	C

Who has the $\underline{\text{main responsibility}}$ for the following at your school?

(Please select one response in each row.)

	Principal	Teachers or members of the school management team	School board	Local education authority	State education authority	National education authority
Appointing or hiring teachers	SC202Q01JA01	SC202Q01JA02	SC202Q01JA03	SC202Q01JA04	SC202Q01JA05	SC202Q01JA06
Dismissing or suspending teachers from employment	SC202Q02JA01	SC202Q02JA02	SC202Q02JA03	SC202Q02JA04	SC202Q02JA05	SC202Q02JA06
Establishing teachers' starting salaries, including setting pay scales	SC202Q03JA01	SC202Q03JA02	SC202Q03JA03	SC202Q03JA04	SC202Q03JA05	SC202Q03JA06
Determining teachers' salary increases	SC202Q04JA01	SC202Q04JA02	SC202Q04JA03	SC202Q04JA04	SC202Q04JA05	SC202Q04JA06
Formulating the school budget	SC202Q05JA01	SC202Q05JA02	SC202Q05JA03	SC202Q05JA04	SC202Q05JA05	SC202Q05JA06
Deciding on budget allocations	SC202Q06JA01	SC202Q06JA02	SC202Q06JA03	SC202Q06JA04	SC202Q06JA05	SC202Q06JA06
Establishing student disciplinary policies and procedures	SC202Q07JA01	SC202Q07JA02	SC202Q07JA03	SC202Q07JA04	SC202Q07JA05	SC202Q07JA06
Establishing student assessment policies, including state or district assessments	SC202Q08JA01	SC202Q08JA02	SC202Q08JA03	SC202Q08JA04	SC202Q08JA05	SC202Q08JA06
Approving students for admission to the school	SC202Q09JA01	SC202Q09JA02	SC202Q09JA03	SC202Q09JA04	SC202Q09JA05	SC202Q09JA06
Choosing which learning materials are used	SC202Q10JA01	SC202Q10JA02	SC202Q10JA03	SC202Q10JA04	SC202Q10JA05	SC202Q10JA06
Determining course content, including state or district curricula	SC202Q11JA01	SC202Q11JA02	SC202Q11JA03	SC202Q11JA04	SC202Q11JA05	SC202Q11JA06
Deciding which courses are offered	SC202Q12JA01	SC202Q12JA02	SC202Q12JA03	SC202Q12JA04	SC202Q12JA05	SC202Q12JA06

During the last 12 months, how often did you or other members of the school management team engage in the following activities?

(Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
Collaborating with teachers to solve classroom discipline problems	SC201Q01JA0 1	SC201Q01JA0 2	SC201Q01JA0 3	SC201Q01JA0 4	SC201Q01JA0 5
Providing feedback to teachers based on observations of instruction in the classroom	SC201Q03JA0 1	SC201Q03JA0 2 C	SC201Q03JA0 3	SC201Q03JA0 4 C	SC201Q03JA0 5
Taking actions to support cooperation among teachers to develop new teaching practices	SC201Q04JA0 1	SC201Q04JA0 2 C	SC201Q04JA0 3 C	SC201Q04JA0 4 C	SC201Q04JA0 5
Taking actions to ensure that teachers take responsibility for improving their teaching skills	SC201Q05JA0 1	SC201Q05JA0 2 C	SC201Q05JA0 3 C	SC201Q05JA0 4 C	SC201Q05JA0 5
Taking actions to ensure that teachers feel responsible for their students' learning outcomes	SC201Q06JA0 1	SC201Q06JA0 2 C	SC201Q06JA0 3 C	SC201Q06JA0 4	SC201Q06JA0 5
Providing parents or guardians with information on the school and student performance	SC201Q07JA0 1	SC201Q07JA0 2	SC201Q07JA0 3	SC201Q07JA0 4	SC201Q07JA0 5
Working on a professional development plan for this school	SC201Q11JA0 1	SC201Q11JA0 2 C	SC201Q11JA0 3 C	SC201Q11JA0 4 C	SC201Q11JA0 5 C

The goal of the following set of questions is to gather information about the student digital device ratio for students in grade 10 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 desktop or laptop computers are available for these students for educational purposes?	SC004Q02TA01
Approximately, how many of these desktop or laptop computers are connected to the Internet?	SC004Q03TA01
Approximately, how many tablet devices (e.g. iPad, Galaxy Book, Amazon Fire) or e-book readers (i.e. portable device for reading books on screen, e.g. Amazon Kindle) are available for these students for educational purposes?	SC004Q08JA01
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 desktop or laptop computers with internet connection are available for teachers in your school?	SC004Q07NA01

Do the following statements apply to your school?

(Please select one response in each row.)

	Yes	No
The school has a written statement about the general use of digital devices on the school premises.	SC190Q01JA0 1 C	SC190Q01JA0 2 C
The use of cell phones is not allowed on the school premises.	SC190Q02JA0 1	SC190Q02JA0 2 C
The school has formal guidelines for the use of digital devices for teaching and learning in specific subjects.	SC190Q05JA0 1	SC190Q05JA0 2 C
Teachers establish rules for when students may use digital devices during lessons.	SC190Q06JA0 1	SC190Q06JA0 2
Teachers establish rules in collaboration with students about their use of digital resources (e.g., computers, tablets, software applications, educational learning tools, websites) at school or in class.	SC190Q07JA0 1	SC190Q07JA0 2 C
The school has a specific program to prepare students for responsible Internet behavior.	SC190Q08JA0 1	SC190Q08JA0 2 C
The school has a specific policy about using social networks (e.g. Facebook) in teaching and learning.	SC190Q09JA0 1	SC190Q09JA0 2 C
The school has a specific program to promote collaboration on the use of digital devices among teachers.	SC190Q10JA0 1	SC190Q10JA0 2 C
The school has a scheduled time for teachers to meet to share, evaluate or develop instructional materials and approaches that employ digital devices.	SC190Q11JA0 1	SC190Q11JA0 2 C

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.)

	Yes, this is mandatory, e.g., based on district or state policies	Yes, based on school initiative	No
Internal evaluation / Self-evaluation	SC037Q01TA01 C	SC037Q01TA02	SC037Q01TA03
External evaluation	SC037Q02TA01	SC037Q02TA02	SC037Q02TA03
Written specification of the school's curricular profile and educational goals	SC037Q03TA01 C	SC037Q03TA02	SC037Q03TA03
Written specification of student performance standards	SC037Q04TA01 C	SC037Q04TA02	SC037Q04TA03
Systematic recording of data such as teacher or student attendance and professional development	SC037Q05NA01 C	SC037Q05NA02	SC037Q05NA03
Systematic recording of student test results and graduation rates	SC037Q06NA01 C	SC037Q06NA02	SC037Q06NA03
Seeking written feedback from students (e.g., regarding lessons, teachers or resources)	SC037Q07TA01 C	SC037Q07TA02	SC037Q07TA03
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 C	SC037Q09TA02	SC037Q09TA03
Implementation of a standardized policy for mathematics subjects (i.e. school curriculum with shared instructional materials accompanied by staff development and training)	SC037Q11JA01 C	SC037Q11JA02 C	SC037Q11JA03 C

Thinking about the last $\underline{\text{external evaluation}}$ in your school: Did the following occur?

(If you need further explanation of the term "external evaluation", please use the help button.) (Please select one response in each row.)

	Yes	No	Not applicable
The results of external evaluation led to changes in school policies.	SC200Q01JA0 1 C	SC200Q01JA0 2 C	SC200Q01JA0 3 C
We used the data to plan specific action for school development.	SC200Q02JA0 1 C	SC200Q02JA0 2 C	SC200Q02JA0 3
We used the data to plan specific action for the improvement of teaching.	SC200Q03JA0 1 C	SC200Q03JA0 2 C	SC200Q03JA0 3
We put measures derived from the results of external evaluations into practice.	SC200Q04JA0 1 C	SC200Q04JA0 2 C	SC200Q04JA0 3

During the 2020-2021 school 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	SC032Q01TA0 1 C	SC032Q01TA0 2 C
Teacher peer review (of lesson plans, assessment instruments, lessons)	SC032Q02TA0 1 C	SC032Q02TA0 2 C
Principal or senior staff observations of lessons	SC032Q03TA0 1 C	SC032Q03TA0 2 C
Observation of classes by inspectors or other persons external to the school	SC032Q04TA0 1 C	SC032Q04TA0 2 C

What impact did appraisals of teachers at your school have on any of the following?

(Please select one response in each row.)

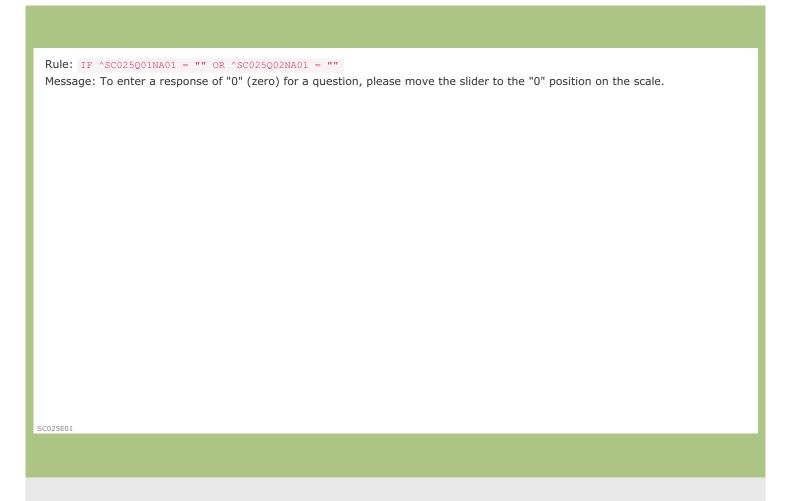
	No impact	Small impact	Moderate impact	Large impact
A change in salary	SC193Q01WA	SC193Q01WA	SC193Q01WA	SC193Q01WA
	01	02	03	04
	C	C	C	C
A financial bonus or another kind of monetary reward	SC193Q02WA 01 C	SC193Q02WA 02 C	SC193Q02WA 03	SC193Q02WA 04 C
Opportunities for professional development activities	SC193Q03WA 01 C	SC193Q03WA 02 C	SC193Q03WA 03	SC193Q03WA 04
A change in the likelihood of career advancement	SC193Q04WA	SC193Q04WA	SC193Q04WA	SC193Q04WA
	01	02	03	04
	C	C	C	C
Public recognition from you	SC193Q05WA	SC193Q05WA	SC193Q05WA	SC193Q05WA
	01	02	03	04
	C	C	C	C
Changes in work responsibilities that make the job more attractive	SC193Q06WA	SC193Q06WA	SC193Q06WA	SC193Q06WA
	01	02	03	04
	C	C	C	C
A role in school development initiatives (e.g. curriculum development group, development of school objectives)	SC193Q07WA 01 C	SC193Q07WA 02 C	SC193Q07WA 03	SC193Q07WA 04 C

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).)

All teaching staff at your school	SC025Q01NA01	
	0%	100%
Staff who teach mathematics at your school	SC025Q02NA01	100%



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

(Please select one response in each row.)

	Yes	No
Our school invites specialists to conduct in-service training for teachers.	SC027Q02NA 01 C	SC027Q02NA 02 C
Our school organizes in-service workshops which deal with specific issues that our school faces.	SC027Q03NA 01 C	SC027Q03NA 02 C
Our school organizes in-service workshops for specific groups of teachers (e.g. newly appointed teachers).	SC027Q04NA 01 C	SC027Q04NA 02 C

Which of the following types of in-house professional development exist for staff who teach mathematics at your school?

(Please select one response in each row.)

	Yes	No
Our school invites specialists to conduct in-service training for mathematics teachers.	SC183Q02JA0 1 C	SC183Q02JA0 2 C
Our school organizes in-service workshops, which deal with specific issues that our mathematics teachers face.	SC183Q03JA0 1 C	SC183Q03JA0 2 C
Our school organizes in-service workshops for specific mathematics teachers (e.g. newly appointed teachers).	SC183Q04JA0 1 C	SC183Q04JA0 2 C

Does your school offer professional development to mathematics teachers in any of the following?

(Please select one response in each row.)

Yes	No
SC184Q01JA0 1	SC184Q01JA0 2 C
SC184Q02JA0 1	SC184Q02JA0 2 C
SC184Q03JA0 1	SC184Q03JA0 2 C
SC184Q04JA0 1	SC184Q04JA0 2
SC184Q05JA0 1	SC184Q05JA0 2 C
SC184Q06JA0 1	SC184Q06JA0 2 C
SC184Q07JA0 1	SC184Q07JA0 2 C
	SC184Q01JA0 1 C SC184Q02JA0 1 C SC184Q03JA0 1 C SC184Q04JA0 1 C SC184Q05JA0 1 C SC184Q06JA0 1 C SC184Q07JA0 1

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

(Please select one response in each row.)

	Not at all	Very little	To some extent	A lot
A lack of teaching staff	SC017Q01NA01	SC017Q01NA02	SC017Q01NA03	SC017Q01NA04
Inadequate or poorly qualified teaching staff	SC017Q02NA01	SC017Q02NA02	SC017Q02NA03	SC017Q02NA04
A lack of assisting staff	SC017Q03NA01	SC017Q03NA02	SC017Q03NA03	SC017Q03NA04
Inadequate or poorly qualified assisting staff	SC017Q04NA01	SC017Q04NA02	SC017Q04NA03	SC017Q04NA04
A lack of educational material (e.g., textbooks, IT equipment, library or laboratory material)	SC017Q05NA01	SC017Q05NA02	SC017Q05NA03	SC017Q05NA04
Inadequate or poor quality educational material (e.g., textbooks, IT equipment, library or laboratory material)	SC017Q06NA01	SC017Q06NA02	SC017Q06NA03	SC017Q06NA04
A lack of physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA systems)	SC017Q07NA01	SC017Q07NA02	SC017Q07NA03	SC017Q07NA04
Inadequate or poor quality physical infrastructure (e.g., building, grounds, heating/cooling, lighting and PA systems)	SC017Q08NA01	SC017Q08NA02	SC017Q08NA03	SC017Q08NA04
A lack of digital resources (e.g. desktop or laptop computers, Internet access, learning management systems or school learning platforms)	SC017Q09JA01	SC017Q09JA02	SC017Q09JA03	SC017Q09JA04
Inadequate or poor quality digital resources (e.g. desktop or laptop computers, Internet access, learning management systems or school learning platforms)	SC017Q10JA01	SC017Q10JA02	SC017Q10JA03	SC017Q10JA04

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

(Please select one response in each row.)

	Not at all	Very little	To some extent	A lot	
Student truancy	SC061Q01TA01	SC061Q01TA02	SC061Q01TA03	SC061Q01TA04	
Students skipping classes	SC061Q02TA01	SC061Q02TA02 SC061Q02TA03 C		SC061Q02TA04	
Students lacking respect for teachers	SC061Q03TA01	SC061Q03TA02 SC061Q03TA03 C		SC061Q03TA04	
Student use of alcohol or illegal drugs	SC061Q04TA01	SC061Q04TA02	SC061Q04TA03	SC061Q04TA04	
Students intimidating or bullying other students	SC061Q05TA01	SC061Q05TA02 SC061Q05TA03 O		SC061Q05TA04	
Students not being attentive	SC061Q11HA01	SC061Q11HA02	-		
Teachers not meeting individual students' needs	SC061Q06TA01	SC061Q06TA02	SC061Q06TA03	SC061Q06TA04	
Teacher absenteeism	SC061Q07TA01	SC061Q07TA02	SC061Q07TA03	SC061Q07TA04	
Staff resisting change	SC061Q08TA01	SC061Q08TA02 SC061Q08TA03 C		SC061Q08TA04	
Teachers being too strict with students	SC061Q09TA01	SC061Q09TA02 SC061Q09TA03		SC061Q09TA04	
Teachers not being well prepared for classes	SC061Q10TA01	SC061Q10TA02	SC061Q10TA03	SC061Q10TA04	

To what extent is each of the following behaviors a problem in your school?

(Please select one response in each row.)

	Not at all	Small extent	Moderate extent	Large extent
Profanity	SC172Q02JA0 1 C	SC172Q02JA0 2 C	SC172Q02JA0 3 C	SC172Q02JA0 4 C
Vandalism	SC172Q03JA0 1	SC172Q03JA0 2 C	SC172Q03JA0 3 C	SC172Q03JA0 4 C
Theft	SC172Q04JA0 1 C	SC172Q04JA0 2 C	SC172Q04JA0 3 C	SC172Q04JA0 4 C
Intimidation or verbal abuse among students (including texting, emailing, etc.)	SC172Q05JA0 1 C	SC172Q05JA0 2 C	SC172Q05JA0 3 C	SC172Q05JA0 4 C
Physical injury caused by students to other students	SC172Q06JA0 1	SC172Q06JA0 2 C	SC172Q06JA0 3 C	SC172Q06JA0 4 C
Intimidation or verbal abuse of teachers or non-teaching staff (including texting, emailing, etc.)	SC172Q07JA0 1	SC172Q07JA0 2	SC172Q07JA0 3	SC172Q07JA0 4 C

During the 2020-2021 school year, how often has the school staff done each of the following?

(Staff includes teachers, personnel for pedagogical support, school administrative personnel, and school management personnel.) (Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
They helped students of different backgrounds to recognize the similarities that exist between them.	SC173Q01JA0 1	SC173Q01JA0 2 C	SC173Q01JA0 3 C	SC173Q01JA0 4 C	SC173Q01JA0 5 C
They encouraged students of different backgrounds to resolve disagreements by finding common ground.	SC173Q02JA0 1	SC173Q02JA0 2 C	SC173Q02JA0 3 C	SC173Q02JA0 4 C	SC173Q02JA0 5
They supported activities or organizations that encourage students' expression of diverse identities.	SC173Q03JA0 1	SC173Q03JA0 2 C	SC173Q03JA0 3 C	SC173Q03JA0 4 C	SC173Q03JA0 5 C
They taught students how to respond to discrimination.	SC173Q04JA0 1	SC173Q04JA0 2 C	SC173Q04JA0 3 C	SC173Q04JA0 4 C	SC173Q04JA0 5 C
They taught students to be inclusive of others with different backgrounds.	SC173Q05JA0 1	SC173Q05JA0 2 C	SC173Q05JA0 3 C	SC173Q05JA0 4 C	SC173Q05JA0 5
They provided additional support for students from disadvantaged backgrounds.	SC173Q06JA0 1	SC173Q06JA0 2	SC173Q06JA0 3	SC173Q06JA0 4 C	SC173Q06JA0 5

During 2020-2021 school year, what proportion of students' parents or guardians 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 behavior with a teacher on the parents' or	SC064Q05WA01	
guardians' own initiative	0%	100%
Discussed their child's behavior on the initiative of one of their child's	SC064Q06WA01	
teachers	0%	100%
Discussed their child's academic progress with a teacher on the	SC064Q01TA01	
parents' or guardians' own initiative	0%	100%
Discussed their child's academic progress on the initiative of one of their child's teachers	SC064Q02TA01	
their time s teathers	0%	100%
Volunteered in physical or extra- curricular activities (e.g., building maintenance, carpentry, gardening	SC064Q04NA01	
or yard work, school play, sports, field trip)	0%	100%
Participated in local school government (e.g., parent teacher	SC064Q03TA01	
association or parent advisory council).	0%	100%
Assisted in fundraising for the school	SC064Q07WA01	
	0%	100%

Rule: IF ^sc064Q05Wa01 = "" OR ^sc064Q06Wa01 = "" OR ^sc064Q01Ta01 = "" OR ^sc064Q02Ta01 = "" OR ^sc064Q04Na01 = ""

OR ^sc064Q03Ta01 = "" OR ^sc064Q07Wa01 = ""

Message: To enter a response of "0" (zero) for a question, please move the slider to the "0" position on the scale.

SC064E01

During the 2020-2021 school year, how often has the school staff done each of the following?

(Staff includes teachers, personnel for pedagogical support, school administrative personnel, and school management personnel.) (Please select one response in each row.)

	Never or	A few	A few	Once a
	almost	times a	times a	week or
	never	year	month	more
Invited parents or guardians to volunteer for school activities	SC192Q01JA0	SC192Q01JA0	SC192Q01JA0	SC192Q01JA0
	1	2	3	4
	C	C	C	C
Initiated communications with parents or guardians about school programs	SC192Q02JA0	SC192Q02JA0	SC192Q02JA0	SC192Q02JA0
	1	2	3	4
	C	C	C	C
Initiated communications with parents or guardians about their child's progress	SC192Q03JA0 1	SC192Q03JA0 2 C	SC192Q03JA0 3 C	SC192Q03JA0 4 C
Included parents or guardians in making school decisions	SC192Q04JA0	SC192Q04JA0	SC192Q04JA0	SC192Q04JA0
	1	2	3	4
	C	C	C	C
Provided information to parents or guardians about how to help students with homework and other curriculum-related activities	SC192Q05JA0 1	SC192Q05JA0 2 C	SC192Q05JA0 3 C	SC192Q05JA0 4 C
Provided information to parents or guardians about how to help students improve their skills in mathematics	SC192Q06JA0 1	SC192Q06JA0 2	SC192Q06JA0 3	SC192Q06JA0 4 C

How many minutes, on average, are there in a class period for grade 10 students taking the following subjects?

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

Mathematics	SC175Q01JA01
	0 120 or more
Average minutes in a class period across all subjects, including Mathematics	SC175Q02JA01 0 120 or more

Rule: IF ^SC175Q01JA01 = "" OR ^SC175Q02JA01 = "" Message: To enter a response of "0" (zero) for a question, please move the slider to the "0" position on the scale. SC175E01

What is the average size of mathematics classes in grade 10 in your school?

(Please select one response.)

	SC176Q01JA0 1 C
16-20 students	SC176Q01JA0 2 C
21-25 students	SC176Q01JA0 3 C
26-30 students	SC176Q01JA0 4 C
31-35 students	SC176Q01JA0 5
36-40 students	SC176Q01JA0 6 C
41-45 students	SC176Q01JA0 7
46-50 students	SC176Q01JA0 8
More than 50 students	SC176Q01JA0 9

What is the average size of English/Language Arts classes in grade 10 in your school?

(Please select one response.)

15 students or fewer	SC003Q01TA01 C
16-20 students	SC003Q01TA02 C
21-25 students	SC003Q01TA03 C
26-30 students	SC003Q01TA04 C
31-35 students	SC003Q01TA05 C
36-40 students	SC003Q01TA06 C
41-45 students	SC003Q01TA07 C
46-50 students	SC003Q01TA08 C
More than 50 students	SC003Q01TA09 C
.003	

How many foreign languages are being taught at your school this academic year? (Please enter a number. Enter "0" (zero) if you do not have any foreign language courses this academic year.)					
Number of foreign languages	SC174Q01JA01				
C174					

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 C	SC053Q01TA02 C
School play or school musical	SC053Q02TA01 C	SC053Q02TA02 C
School yearbook, newspaper or magazine	SC053Q03TA01 C	SC053Q03TA02 C
Volunteering or community service activities	SC053Q04TA01 C	SC053Q04TA02 C
Mathematics club	SC053Q05NA01	SC053Q05NA02
Mathematics competitions, e.g. Mathematics Olympiad	SC053Q06NA01 C	SC053Q06NA02 C
Chess club	SC053Q07TA01 C	SC053Q07TA02
Club with a focus on computers (e.g. programming or coding)	SC053Q08TA01 C	SC053Q08TA02 C
Art club or art activities	SC053Q09TA01	SC053Q09TA02
Sports teams or sports activities	SC053Q10TA01 C	SC053Q10TA02

For students in grade 10, 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	SC212Q01JA0 1 C	SC212Q01JA0 2 C
Staff help with homework	SC212Q02JA0 1 C	SC212Q02JA0 2 C
Peer-to-peer tutoring	SC212Q03JA0 1 C	SC212Q03JA0 2 C

Generally, in your school, how often are students in grade 10 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.)

	Never	1-2 times a year	3-5 times a year	Monthly	More than once a month
Mandatory standardized tests, e.g., state or district tests	SC034Q01NA 01 C	SC034Q01NA 02 C	SC034Q01NA 03 C	SC034Q01NA 04 C	SC034Q01NA 05 C
Non-mandatory standardized tests (e.g. publicly or commercially available standardized test material like PSAT)	SC034Q02NA 01 C	SC034Q02NA 02	SC034Q02NA 03	SC034Q02NA 04 C	SC034Q02NA 05
Teacher-developed tests	SC034Q03TA0 1 C	SC034Q03TA0 2 C	SC034Q03TA0 3 C	SC034Q03TA0 4 C	SC034Q03TA0 5
Teachers' judgmental ratings	SC034Q04TA0 1 C	SC034Q04TA0 2 C	SC034Q04TA0 3 C	SC034Q04TA0 4 C	SC034Q04TA0 5

Rule: IF ((^sc034Q01NA =02) OR (^sc034Q01NA=03) OR (^sc034Q01NA=04) OR (^sc034Q01NA=05) OR (^sc034Q02NA=02) OR (^sc034Q02NA=03) OR (^sc034Q02NA=04) OR (^sc034Q03TA=05)) THEN GOTO ^sc035 ELSE GOTO ^sc042 Message:
SC034R01

In your school, are standardized tests and/or teacher-developed tests of students in grade 10 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.)

	Standardized tests	Teacher-developed tests
To guide students' learning	SC035Q01NA Select Yes No	Sc035Q01NB Select Yes No
To inform parents or guardians about their child's progress	SC035Q02TA Select Yes No	Sc035Q02TB Select Yes No
To make decisions about students' retention or promotion	SC035Q03TA Select Yes No	SC035Q03TB Select Yes No
To group students for instructional purposes	SC035Q04TA Select Yes No	Sc035Q04TB Select Yes No
To compare the school to district, state, or national performance	SC035Q05TA Select Yes No	Sc035Q05TB Select Yes No
To monitor the school's progress from year to year	SC035Q06TA Select Yes No	Sc035Q06TB Select Yes No
To make judgements about teachers' effectiveness	SC035Q07TA Select Yes No	Sc035Q07TB Select Yes No
To identify aspects of instruction or the curriculum that could be improved	SC035Q08TA Select Yes No	Sc035Q08TB Select Yes No
To adapt teaching to the students' needs	SC035Q09NA Select Yes No	SC035Q09NB Select Yes No
To compare the school with other schools 49	SC035Q10TA	SC035Q10TB

	Select		Tea	Select	sts
To award certificates to students	Yes No SC035Q11NA Select Yes No	4	<u>.</u> 9	Select	
SC035					

 $Some\ schools\ organize\ instruction\ differently\ for\ students\ with\ different\ abilities.$

What is your school's policy about this for students in 10th grade?

(Please select one response in each row.)

	For all subjects	For some subjects	Not for any subject
Students are grouped by ability into different classes.	SC042Q01TA01	SC042Q01TA02	SC042Q01TA03
Students are grouped by ability within their classes.	SC042Q02TA01	SC042Q02TA02	SC042Q02TA03

Schools sometimes organize instruction differently for students with different abilities and interests in mathematics.

Which of the following options describe what your school does for grade 10 students in mathematics classes?

(Please select one response in each row.)

	For all classes	For some classes	Not for any classes
Mathematics classes study similar content, but at different levels of difficulty.	SC187Q01WA	SC187Q01WA	SC187Q01WA
	01	02	03
	C	C	C
Different classes study different content or sets of mathematics topics that have different levels of difficulty.	SC187Q02WA	SC187Q02WA	SC187Q02WA
	01	02	03
	C	C	C
Students are grouped by ability within their mathematics classes.	SC187Q03WA	SC187Q03WA	SC187Q03WA
	01	02	03
	C	C	C
In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability).	SC187Q04WA 01	SC187Q04WA 02 C	SC187Q04WA 03 C

Who has the main responsibility for the following decisions at your school?

(Please select one response in each row.)

	Student	Parent(s) or Guardian(s)	School staff	Not applicable
Choosing a student's mathematics course(s)	SC177Q01JA01	SC177Q01JA02	SC177Q01JA03	SC177Q01JA04
Choosing the level of difficulty of a student's mathematics course(s)	SC177Q02JA01	SC177Q02JA02	SC177Q02JA03	SC177Q02JA04
Choosing the number of mathematics courses that a student takes	SC177Q03JA01	SC177Q03JA02	SC177Q03JA03	SC177Q03JA04

To what extent is your school's mathematics program structured according to the following resources?

(Please select one response in each row.)

	Not at all	Small extent	Moderate extent	Large extent
District curriculum standards or curriculum guides	SC188Q01JA0 1 C	SC188Q01JA0 2 C	SC188Q01JA0 3 C	SC188Q01JA0 4 C
State curriculum standards or curriculum guides	SC188Q02JA0 1	SC188Q02JA0 2 C	SC188Q02JA0 3 C	SC188Q02JA0 4 C
National curriculum standards or frameworks	SC188Q03JA0 1	SC188Q03JA0 2 C	SC188Q03JA0 3 C	SC188Q03JA0 4 C
In-school curriculum frameworks and standards for learning	SC188Q04JA0 1	SC188Q04JA0 2 C	SC188Q04JA0 3 C	SC188Q04JA0 4 C
Results from district assessments	SC188Q05JA0 1	SC188Q05JA0 2 C	SC188Q05JA0 3 C	SC188Q05JA0 4 C
Results from state assessments	SC188Q06JA0 1	SC188Q06JA0 2 C	SC188Q06JA0 3 C	SC188Q06JA0 4 C
Results from national assessments	SC188Q07JA0 1	SC188Q07JA0 2 C	SC188Q07JA0 3 C	SC188Q07JA0 4 C
Recommendations from school mathematics department	SC188Q08JA0 1	SC188Q08JA0 2 C	SC188Q08JA0 3	SC188Q08JA0 4 C
Discretion of individual teachers	SC188Q09JA0 1	SC188Q09JA0 2 C	SC188Q09JA0 3 C	SC188Q09JA0 4 C
Results from school assessments (e.g. quizzes or tests created by teachers)	SC188Q10JA0 1	SC188Q10JA0 2 C	SC188Q10JA0 3 C	SC188Q10JA0 4 C
Commercially designed programs	SC188Q11JA0 1 C	SC188Q11JA0 2 C	SC188Q11JA0 3 C	SC188Q11JA0 4 C

Generally, in your school, how often are students in grade 10 assessed in mathematics 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.)

	Never	1-2 times a year	3-5 times a year	Monthly	More than once a month
Mandatory standardized tests in mathematics	SC195Q01JA0 1 C	SC195Q01JA0 2 C	SC195Q01JA0 3 C	SC195Q01JA0 4 C	SC195Q01JA0 5 C
Non-mandatory standardized tests in mathematics	SC195Q02JA0 1 C	SC195Q02JA0 2 C	SC195Q02JA0 3 C	SC195Q02JA0 4 C	SC195Q02JA0 5
Teacher-developed mathematics tests	SC195Q03JA0 1 C	SC195Q03JA0 2 C	SC195Q03JA0 3 C	SC195Q03JA0 4 C	SC195Q03JA0 5
Teachers' judgmental ratings in mathematics	SC195Q04JA0 1 C	SC195Q04JA0 2 C	SC195Q04JA0 3 C	SC195Q04JA0 4 C	SC195Q04JA0 5

In your school, are mathematics achievement data used in the following ways?

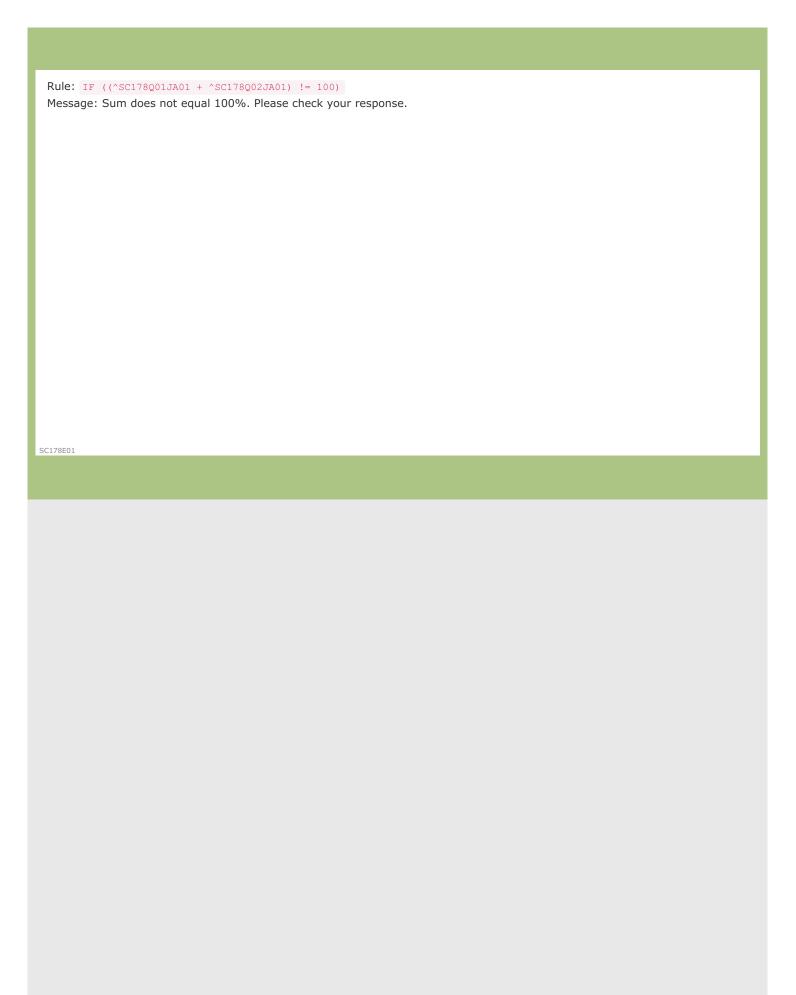
Achievement data include **aggregated** school or grade-level test scores or grades, or graduation rates. (Please select one response in each row.)

	Yes	No
Mathematics achievement data are posted publicly (e.g. in the media)	SC198Q01JA0 1 C	SC198Q01JA0 2 C
Mathematics achievement data are tracked over time by an administrative authority	SC198Q02JA0 1 C	SC198Q02JA0 2 C
Mathematics achievement data are provided directly to parents or guardians	SC198Q03JA0 1 C	SC198Q03JA0 2 C

Thinking about students' last school report cards: Approximately what percentage of the students in grade 10
received the following types of grades in Mathematics?

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

	%
Grade C or above	SC178Q01JA01
Below grade C	SC178Q02JA01



Does your	school offer	additional	mathematics	lessons apart f	rom mathematics	lessons offered	during the usual
school hou	ırs?						

(Please select one response.)

Yes	SC180Q01JA0 1
No	SC180Q01JA0 2 C

Rule: IF (^SC180Q01JA=02) THEN GOTO ^SC189 ELSE GOTO ^SC181 Message:	
. ressage.	
SC180R01	

What types of additional mathematics lessons are offered?

(Please select one response in each row.)

	Yes	No
Enrichment lessons	SC181Q01JA0 1 C	SC181Q01JA0 2 C
Remedial lessons	SC181Q02JA0 1 C	SC181Q02JA0 2 C
Without differentiation depending on the prior achievement level of the students	SC181Q03JA0 1	SC181Q03JA0 2 C

Do the following statements apply in your school?

A policy refers to established rules or procedures.

(Please select one response in each row.)

	Yes	No
The school has a policy on how to use digital devices in mathematics instruction (e.g. amount of computer use in mathematics lessons, use of specific mathematics computer programs).	SC189Q02WA 01 C	SC189Q02WA 02 C
All grade 10 mathematics classes in the school use the same textbook.	SC189Q03WA 01 C	SC189Q03WA 02 C
Mathematics teachers in the school follow a standardized curriculum that specifies content at least on a monthly basis.	SC189Q04WA 01 C	SC189Q04WA 02 C

Does your school offer career guidance to students in Grade 10?

(Please select one response.)

Yes	SC169Q01JA0 1
No	SC169Q01JA0 2 C

		01JA = 01	l) THEN G	GOTO ^SC21	.0 ELSE G	OTO ^SC171
Message	::					
SC169R01						

Which of the statements below best describes the situation for students in Grade 10 at your school?

(Please select one response.)

Career guidance is sought voluntarily by students.	SC210Q01JA0 1 C
Career guidance is formally scheduled into students' time at school.	SC210Q01JA0 2 C

Who has the $\underline{\text{main responsibility}}$ for career guidance of students in Grade 10 at your school?

(Please select one response.)

All teachers share the responsibility for career guidance.	SC170Q01JA0 1 C
Specific teachers have the main responsibility for career guidance.	SC170Q01JA0 2 C
One or more specific career guidance counselors employed at school have the main responsibility for career guidance.	SC170Q01JA0 3 C
One or more specific career guidance counselors who regularly visit the school have the main responsibility for career guidance.	SC170Q01JA0 4 C

Does your school provide the following types of information to students in Grade 10?

(Please select one response in each row.)

	Yes	No
Information about internships	SC171Q01JA0 1 C	SC171Q01JA0 2 C
Information about future careers	SC171Q02JA0 1 C	SC171Q02JA0 2 C
Information about future educational opportunities	SC171Q03JA0 1 C	SC171Q03JA0 2 C
Information about student financing (e.g. student loans or grants)	SC171Q04JA0 1	SC171Q04JA0 2 C

In the last three years,	approximately how ma	iny school days was	your school building	closed to students be	ecause
of the following reason	is?				

Please count the time that your school was closed to the majority of students.

Do \underline{not} count the time that your school was scheduled to be closed for school holiday or vacations.

If your school had to close and reopen multiple times, please count all closing times.

(Please enter a number for each response. Enter "0" (zero) if the school building was not closed to students.)

Number of school days closed because of COVID-19:	SC213Q01JA01
Number of school days closed for another reason (e.g. a natural disaster, strikes or demonstrations, air pollution):	SC213Q02JA01

Rule: IF (^SC213Q01JA01 = 0) THEN GOTO ^SC155 ELSE GOTO ^SC214 Message:	
inessage.	
C213R01	

During the time when your school building was closed to students because of COVID-19, how was instruction in your school organized?

(Please select one response in each row.)

	None of the classes	Less than half of the classes	About half of the classes	More than half of the classes	All or almost all of the classes
Classes were taught remotely using digital devices.	SC214Q01JA0 1	SC214Q01JA0 2 C	SC214Q01JA0 3 C	SC214Q01JA0 4 C	SC214Q01JA0 5
Students were asked to complete classes on their own based on materials distributed to them.	SC214Q02JA0 1 C	SC214Q02JA0 2 C	SC214Q02JA0 3	SC214Q02JA0 4 C	SC214Q02JA0 5
Classes were canceled and not replaced by remote instruction.	SC214Q03JA0 1	SC214Q03JA0 2 C	SC214Q03JA0 3 C	SC214Q03JA0 4 C	SC214Q03JA0 5

During the time when your school building was closed to students because of COVID-19, did your school make the following resources available to students to support their learning?

(Please select one response in each row.)

	Yes	No
Paper textbooks, workbooks, or worksheets	SC215Q01JA01	SC215Q01JA02 C
Digital textbooks, workbooks, or worksheets	SC215Q02JA01	SC215Q02JA02
Real-time lessons by a teacher from my school on a video communication program (e.g. Zoom [™] , Skype [™] , Google® Meet [™] , Microsoft® Teams)	SC215Q03JA01	SC215Q03JA02
Recorded lessons or other digital material created by teachers from my school	SC215Q04JA01	SC215Q04JA02
Recorded lessons or other digital material created by others outside of school	SC215Q05JA01	SC215Q05JA02
Additional instructional resources for students with special learning needs	SC215Q06JA01	SC215Q06JA02
Additional instructional resources for students whose native language is different from English	SC215Q07JA01	SC215Q07JA02
Lessons broadcast over television or radio	SC215Q08JA01	SC215Q08JA02

During the time when your school building was closed to students because of COVID-19, to what extent was your school's capacity to provide remote instruction hindered by the following issues?

(Please select one response in each row.)

	Not at all	Very little	To some extent	A lot
Lack of access to digital devices among students	SC216Q01JA0 1	SC216Q01JA0 2 C	SC216Q01JA0 3 C	SC216Q01JA0 4 C
Lack of access to digital devices among teachers	SC216Q02JA0 1	SC216Q02JA0 2 C	SC216Q02JA0 3 C	SC216Q02JA0 4 C
Lack of access to the Internet among students	SC216Q03JA0 1	SC216Q03JA0 2 C	SC216Q03JA0 3	SC216Q03JA0 4 C
Lack of access to the Internet among teachers	SC216Q04JA0 1	SC216Q04JA0 2 C	SC216Q04JA0 3	SC216Q04JA0 4 C
Lack of learning management systems or school learning platforms (e.g. Edmodo®, Moodle®, Google® Classroom™, Canvas®)	SC216Q05JA0 1	SC216Q05JA0 2 C	SC216Q05JA0 3 C	SC216Q05JA0 4 C
Lack of educational materials for distance learning (e.g. textbooks, workbooks, worksheets, instructional videos)	SC216Q06JA0 1	SC216Q06JA0 2	SC216Q06JA0 3	SC216Q06JA0 4
Difficulty getting in touch with students while school buildings were closed	SC216Q07JA0 1	SC216Q07JA0 2	SC216Q07JA0 3	SC216Q07JA0 4 C
Shortage of teachers available to provide remote instruction	SC216Q08JA0 1	SC216Q08JA0 2	SC216Q08JA0 3	SC216Q08JA0 4
Lack of experience in providing remote instruction among teachers	SC216Q09JA0 1	SC216Q09JA0 2 C	SC216Q09JA0 3 C	SC216Q09JA0 4 C

During the time when your school building was closed to students because of COVID-19, were teachers in your school asked to do the following things?

(Please select one response in each row.)

	Yes	No
Communicate with students through written notes or letters	SC217Q01JA0 1 C	SC217Q01JA0 2 C
Communicate with students through email	SC217Q02JA0 1	SC217Q02JA0 2 C
Conduct virtual office hours or meetings with students	SC217Q03JA0 1	SC217Q03JA0 2 C
Answer students' questions over the phone	SC217Q04JA0 1	SC217Q04JA0 2 C
Initiate calls to students (e.g. phone, via Skype or similar software)	SC217Q05JA0 1	SC217Q05JA0 2 C
Ask parents or guardians for their help with their child's distance learning	SC217Q06JA0 1	SC217Q06JA0 2 C
Initiate communications (e.g. email, phone, via Skype or similar software) with parents or guardians about their child's progress	SC217Q07JA0 1	SC217Q07JA0 2 C
Provide information to parents or guardians about how to help their child with school work	SC217Q08JA0 1	SC217Q08JA0 2 C
Keep track of students' completion of distance learning assignments	SC217Q10JA0 1	SC217Q10JA0 2 C

During the time when your school building was closed to students because of COVID-19, did the school keep trac
of students' attendance in distance learning activities?

(Please select one response.)

Yes	SC218Q01JA0 1
No	SC218Q01JA0 2 C

ule: IF (^SC218Q01JA = 01) THEN GOTO ^SC219 ELSE GOTO ^SC221 lessage:	
18R01	

During the time when your school building was closed to students because of COVID-19, approximately what percentage of students attended distance learning activities <u>in a typical week</u>?

(Please select one response.)

1% to 10% 2 C C 11% to 20% 502190013.3 C C 21% to 30% 502190013.4 C C 31% to 40% 502190013.5 C C 41% to 50% 502190013.7 C C C 51% to 60% 502190013.7 C C C C C C C C C C C C C C C C C C C	0%	SC219Q01JA0 1
11% to 20% 3 C 21% to 30% \$2219001 A 31% to 40% \$2219001 A 41% to 50% \$2219001 A 51% to 60% \$2219001 A 61% to 70% \$2219001 A 71% to 80% \$2219001 A 81% to 90% \$2219001 A 81% to 90% \$2219001 A 81% to 90% \$2219001 A	1% to 10%	
21% to 30% 31% to 40% \$\$\begin{array}{c} \text{SC219Q013}, \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	11% to 20%	
31% to 40% 5 41% to 50% SC219Q01J, 6 51% to 60% SC219Q01J, 7 61% to 70% SC219Q01J, 8 71% to 80% SC219Q01J, 9 81% to 90% SC219Q01J, 0 C C	21% to 30%	
41% to 50% 51% to 60% 51% to 60% 61% to 70% 5C219Q01J. 8 C 5C219Q01J. 9 C 81% to 90% 5C219Q01J. 9 C	31% to 40%	
51% to 60% 61% to 70% 5C219Q01J. 8 C 71% to 80% SC219Q01J. 9 C SC219Q01J. 0 C	41% to 50%	
61% to 70% 71% to 80% SC219Q01J. 9 C SC219Q01J. 0 C	51% to 60%	
71% to 80% 9 C SC219Q013. 0 C	61% to 70%	
81% to 90% 0 C	71% to 80%	
	81% to 90%	
91% to 100% SC219Q01J. 1 C	91% to 100%	

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During the time when your school building was closed to students because of COVID-19, approximately what percentage of students did not attend <u>any</u> distance learning activities?

If your school closed multiple times because of COVID-19, please provide the approximate mean percentage across all instances. (Please select one response.)

0%	sc	0220Q01JA0 1 C
1% to 10%	sc	2 C
11% to 20%	sc	C220Q01JA0 3
21% to 30%	sc	C220Q01JA0 4 C
31% to 40%	sc	C220Q01JA0 5
41% to 50%	sc	C220Q01JA0 6
51% to 60%	sc	C220Q01JA0 7 C
61% to 70%	sc	0220Q01JA0 8
71% to 80%	sc	0220Q01JA0 9
81% to 90%	sc	0 C
91% to 100%	SC	C220Q01JA1 1 C
C220	I	

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During the time when your school building was closed to students because of COVID-19, were the following resources used to support teachers in providing remote instruction?

(Please select one response in each row.)

	Yes	No
Regular meetings with other teachers and staff	SC221Q01JA0 1 C	SC221Q01JA0 2 C
Online platforms and tools for self-directed or collaborative learning (e.g. online forums, discussion boards, professional communities)		SC221Q02JA0 2 C
Tools that help teachers develop remote instruction plans (e.g. digital lesson planners, compiled resources and guides offered by organizations)	SC221Q03JA0 1 C	SC221Q03JA0 2 C
Professional development activities focused on how to provide remote instruction	SC221Q04JA0 1	SC221Q04JA0 2 C

During the time when your school building was closed to students because of COVID-19, to what extent did you feel your school was supported by the following groups?

(Please select one response in each row.)

	Not at all	Very little	To some extent	A lot
A national educational authority	SC222Q01JA0	SC222Q01JA0	SC222Q01JA0	SC222Q01JA0
	1	2	3	4
	C	C	C	C
A regional educational authority	SC222Q02JA0	SC222Q02JA0	SC222Q02JA0	SC222Q02JA0
	1	2	3	4
	C	C	C	C
A local educational authority	SC222Q03JA0 1 C	SC222Q03JA0 2 C	SC222Q03JA0 3	SC222Q03JA0 4 C
Students' parents or guardians	SC222Q04JA0 1	SC222Q04JA0 2 C	SC222Q04JA0 3	SC222Q04JA0 4 C
Private donors	SC222Q05JA0	SC222Q05JA0	SC222Q05JA0	SC222Q05JA0
	1	2	3	4
	C	C	C	C

Has your school taken any of the following actions to prepare for remote instruction?

(Please select one response in each row.)

	Yes, as a standard practice before COVID-19	Yes, in response to COVID- 19	No
Training teaching staff on the use of video communication programs (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams) for remote instruction	SC223Q01JA0	SC223Q01JA0	SC223Q01JA0
	1	2	3
	C	C	C
Training students on the use of video communication programs (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams) for remote instruction	SC223Q02JA0 1	SC223Q02JA0 2 C	SC223Q02JA0 3 C
Preparing digital material for remote instruction (e.g. reorganizing existing resources, designing new resources)	SC223Q03JA0	SC223Q03JA0	SC223Q03JA0
	1	2	3
	C	C	C
Preparing paper-based material for remote instruction (e.g. reorganizing existing resources, designing new resources)	SC223Q04JA0	SC223Q04JA0	SC223Q04JA0
	1	2	3
Adapting existing curriculum plans for remote instruction (e.g. modifying course requirements, sequence of lessons, grading policies)	SC223Q05JA0	SC223Q05JA0	SC223Q05JA0
	1	2	3
Preparing digital materials for assessing student learning via online assessment (e.g. quizzes, tests)	SC223Q06JA0	SC223Q06JA0	SC223Q06JA0
	1	2	3
Compiling instructional resources for parents or guardians to support their child's learning outside the school	SC223Q07JA0 1	SC223Q07JA0 2	SC223Q07JA0 3 C
Ensuring that students have access to digital devices for remote instruction	SC223Q08JA0	SC223Q08JA0	SC223Q08JA0
	1	2	3
Ensuring that teaching staff have access to digital devices or resources for remote instruction	SC223Q09JA0	SC223Q09JA0	SC223Q09JA0
	1	2	3
Preparing a plan for transitioning students and teachers from classroom-based instruction to remote instruction	SC223Q10JA0 1	SC223Q10JA0 2 C	SC223Q10JA0 3

To what extent do you agree with the following statements about your school's capacity to enhance learning and teaching using digital devices?

(Please think of different kinds of digital devices such as for example desktop computers, portable laptops, tablet computers, or interactive whiteboards.)

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
Teachers have the necessary technical and pedagogical skills to integrate digital devices in instruction.	SC155Q06HA	SC155Q06HA	SC155Q06HA	SC155Q06HA
	01	02	03	04
	C	C	C	C
Teachers have sufficient time to prepare lessons integrating digital devices.	SC155Q07HA	SC155Q07HA	SC155Q07HA	SC155Q07HA
	01	02	03	04
	C	C	C	C
Effective professional resources for teachers to learn how to use digital devices are available.	SC155Q08HA	SC155Q08HA	SC155Q08HA	SC155Q08HA
	01	02	03	04
	C	C	C	C
An effective online learning support platform is available.	SC155Q09HA	SC155Q09HA	SC155Q09HA	SC155Q09HA
	01	02	03	04
	C	C	C	C
Teachers are provided with incentives to integrate digital devices in their teaching.	SC155Q10HA	SC155Q10HA	SC155Q10HA	SC155Q10HA
	01	02	03	04
	C	C	C	C
The school has sufficient qualified technical assistant staff.	SC155Q11HA	SC155Q11HA	SC155Q11HA	SC155Q11HA
	01	02	03	04
	C	C	C	C

Overall, how prepared do you feel your school is for providing remote instruction if your school building closed to students for an extended period in the future?

(Please select one response.)

Not prepared at all	SC224Q01JA0 1 C
Not very prepared	SC224Q01JA0 2 C
Well prepared	SC224Q01JA0 3 C
Very well prepared	SC224Q01JA0 4 C

With respect to the PISA test in your school, have you done any of the following?

(Please select one response in each row.)

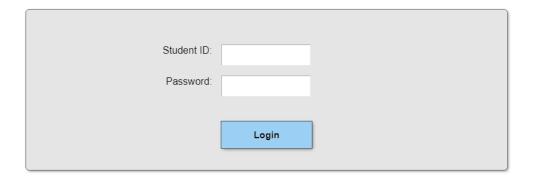
	Yes	No
I have spoken to teachers at my school about the importance of the PISA test.	SC209Q04JA0 1 C	SC209Q04JA0 2 C
I have spoken to parents or guardians about the importance of the PISA test.	SC209Q05JA0 1 C	SC209Q05JA0 2 C
I have encouraged the students at my school to do their best during the PISA test.	SC209Q06JA0 1	SC209Q06JA0 2

Thank you very much for your cooperation in completing this questionnaire!	
SCEnd01	

PISA 2022 Main Study Student Questionnaire

Log in to Session 1

Type your Student ID and Password.



This is a screenshot of the first Student Delivery System (SDS) screen students will see when beginning the PISA 2022 Main Study. Please see Part B for a description of when students will see this screen.

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

- You, your family, and your home Mathematics learning in school
- How you think about your life
- Your school
- Your school schedule and learning time

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

Please note that there are different answering formats throughout this questionnaire.

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 mathematics.

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. The National Center for Education Statistics (NCES) is authorized to conduct the Program for International Student Assessment (PISA) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), and to collect students' education records from educational agencies or institutions for the purpose of evaluating federally supported education programs under the Family Educational Rights and Privacy Act (FERPA, 34 CFR §§ 99.31(a)(3)(iii) and 99.35). The data are being collected for NCES by Westat, a U.S.-based research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). 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 up to 36 minutes per student, including the time to review instructions. If you have any comments or concerns regarding the accuracy of the time estimate(s), suggestions for improving the form, or questions about the status of your individual submission of this form, write directly to: The Program for International Student Assessment (PISA) 2022, National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th Street, SW, Room 4007, Washington, DC 20212. OMB No. 1850-0755, Approval Expires 04/30/2024

What grade are you in?

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

Grade	ST001Q01T Select 7 8	A01	
	10 11 12		

When were you born?

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

Month	Select January February March April May June July August September October November December
Day 89	Select 1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Year	ST003Q03TA01 Select 2005 2006 2007 2008
Littoga I	



Are you female or male?

(Please select one response.)

Female	ST004Q01TA01 C
Male	ST004Q01TA02 C

Which best describes you?

(Please select one response.)

I am Hispanic or Latino	ST801C01JA0 1 C
I am not Hispanic or Latino	ST801C01JA0 2 C

Which of these categories best describes your race?	
(Please select all that apply.)	
White	ST802C01JA0 1
Black or African American	ST802C02JA0 1
Asian	ST802C03JA0
American Indian or Alaska Native	ST802C04JA0 1
Native Hawaiian or other Pacific Islander	ST802C05JA0 1

The following questions concern your home. If you live in multiple homes, please consider the home you spend most of your time in.

Which of the following are in your home?

(Please select one response in each row.)

	Yes	No
A room of your own	ST250Q01JA0 1 C	ST250Q01JA0 2 C
A computer (laptop, desktop, or tablet) that you can use for school work	ST250Q02JA0 1 C	ST250Q02JA0 2 C
Educational Software or Apps	ST250Q03JA0 1 C	ST250Q03JA0 2 C
Your own cell phone with Internet access (e.g. smartphone)	ST250Q04JA0 1 C	ST250Q04JA0 2 C
Internet access (e.g. Wi-fi) (excluding through smartphones)	ST250Q05JA0 1 C	ST250Q05JA0 2 C

How many of these items are there at your home?

(Please select one response in each row.)

	None	One	Two	Three or more
Cars, vans, or trucks	ST251Q01JA01	ST251Q01JA02	ST251Q01JA03	ST251Q01JA04
Mopeds or motorcycles	ST251Q02JA01	ST251Q02JA02	ST251Q02JA03	ST251Q02JA04
Rooms with a bath or shower	ST251Q03JA01	ST251Q03JA02	ST251Q03JA03	ST251Q03JA04
Rooms with a toilet	ST251Q04JA01	ST251Q04JA02	ST251Q04JA03	ST251Q04JA04
Musical instruments (e.g. guitar, piano, violin)	ST251Q06JA01	ST251Q06JA02	ST251Q06JA03	ST251Q06JA04

How many digital devices with screens are there in your home?

(Count all the devices including televisions, computers, tablets, e-book readers, and smartphones.)

(Please select one response.)

There are no digital devices with screens.	ST253Q01JA0 1
One	ST253Q01JA0 2 C
Two	ST253Q01JA0 3 C
Three	ST253Q01JA0 4 C
Four	ST253Q01JA0 5 C
Five	ST253Q01JA0 6 C
6 to 10	ST253Q01JA0 7 C
More than 10	ST253Q01JA0 8 C

Rule: IF (^ST253Q01JA > 1) THEN GOTO ^ST254 ELSE GOTO ^ST255
Message:
ST253R01

How many of the following digital devices are in your home?

(Please select one response in each row.)

	None	1 or 2	3 - 5	More than 5	I don't know.
Televisions	ST254Q01JA0 1 C	ST254Q01JA0 2 C	ST254Q01JA0 3 C	ST254Q01JA0 4 C	ST254Q01JA0 5
Desktop computers	ST254Q02JA0 1	ST254Q02JA0 2 C	ST254Q02JA0 3	ST254Q02JA0 4 C	ST254Q02JA0 5
Laptop computers or notebooks	ST254Q03JA0 1 C	ST254Q03JA0 2 C	ST254Q03JA0 3 C	ST254Q03JA0 4 C	ST254Q03JA0 5
Tablets (e.g. iPad, Galaxy Book, Surface)	ST254Q04JA0 1 C	ST254Q04JA0 2 C	ST254Q04JA0 3 C	ST254Q04JA0 4 C	ST254Q04JA0 5
E-book readers (e.g. Amazon Kindle)	ST254Q05JA0 1	ST254Q05JA0 2 C	ST254Q05JA0 3 C	ST254Q05JA0 4 C	ST254Q05JA0 5
Cell phones with Internet access (i.e. smartphones)	ST254Q06JA0 1	ST254Q06JA0 2	ST254Q06JA0 3	ST254Q06JA0 4 C	ST254Q06JA0 5

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.)

There are no books.	ST255Q01JA0 1
1-10 books	ST255Q01JA0 2 C
11-25 books	ST255Q01JA0 3 C
26-100 books	ST255Q01JA0 4 C
101-200 books	ST255Q01JA0 5
201-500 books	ST255Q01JA0 6 C
More than 500 books	ST255Q01JA0 7 C

Rule: IF (^ST255Q01JA > 1) THEN GOTO ^ST256 ELSE GOTO ^ST230 Message:	
Message.	
ST255R01	

How many of the following types of books are in your home?

(Please select one response in each row.)

	None	1-5	6-10	More than	I don't know
Religious books (e.g. Bible, Quran)	ST256Q01JA0 1	ST256Q01JA0 2 C	ST256Q01JA0 3 C	ST256Q01JA0 4 C	ST256Q01JA0 5 C
Classical literature (e.g. Shakespeare, Austen, Twain)	ST256Q02JA0 1	ST256Q02JA0 2 C	ST256Q02JA0 3 C	ST256Q02JA0 4 C	ST256Q02JA0 5
Contemporary literature	ST256Q03JA0 1	ST256Q03JA0 2 C	ST256Q03JA0 3 C	ST256Q03JA0 4 C	ST256Q03JA0 5
Books on science	ST256Q06JA0 1	ST256Q06JA0 2 C	ST256Q06JA0 3 C	ST256Q06JA0 4 C	ST256Q06JA0 5
Books on art, music, or design	ST256Q07JA0 1 C	ST256Q07JA0 2 C	ST256Q07JA0 3 C	ST256Q07JA0 4 C	ST256Q07JA0 5 C
Technical reference books (e.g., software operations guide, automotive repair manual)	ST256Q08JA0 1	ST256Q08JA0 2 C	ST256Q08JA0 3 C	ST256Q08JA0 4 C	ST256Q08JA0 5
Dictionaries	ST256Q09JA0 1	ST256Q09JA0 2 C	ST256Q09JA0 3	ST256Q09JA0 4 C	ST256Q09JA0 5
Books to help with your school work	ST256Q10JA0 1	ST256Q10JA0 2 C	ST256Q10JA0 3	ST256Q10JA0 4 C	ST256Q10JA0 5

How many siblings (including brothers, sisters, step-brothers, and step-sisters) do you have?

(Please select one response.)

None	ST230Q01JA0 1 C
One	ST230Q01JA0 2 C
Two	ST230Q01JA0 3 C
Three or more	ST230Q01JA0 4 C

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

If you are not sure which response to choose, please ask the test administrator for help. (Please select one response.)

She completed grade 12 (high school diploma or GED).	ST005C01TA01 C
She completed grade 9.	ST005C01TA02 C
She completed grade 6.	ST005C01TA03
She did not complete grade 6.	ST005C01TA04 C

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
Doctoral degree or equivalent	ST006Q01JA0 1 C	ST006Q01JA0 2 C
Master's degree or professional degree (e.g., law, medicine) or equivalent	ST006Q02JA0 1 C	ST006Q02JA0 2 C
Bachelor's degree or equivalent	ST006Q03JA0 1 C	ST006Q03JA0 2 C
Associate's degree	ST006Q04JA0 1 C	ST006Q04JA0 2
Vocational or technical certificate/diploma after high school (such as cosmetology or medical assistant)	ST006Q05JA0 1	ST006Q05JA0 2

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

If you are not sure which response to choose, please ask the test administrator for help. (Please select one response.)

He completed grade 12 (high school diploma or GED).	ST007C01TA01 C
He completed grade 9.	ST007C01TA02 C
He completed grade 6.	ST007C01TA03 C
He did not complete grade 6.	ST007C01TA04 C

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
Doctoral degree or equivalent	ST008Q01JA01	ST008Q01JA02 C
Master's degree or professional degree (e.g., law, medicine) or equivalent	ST008Q02JA01	ST008Q02JA02
Bachelor's degree or equivalent	ST008Q03JA01	ST008Q03JA02
Associate's degree	ST008Q04JA01	ST008Q04JA02
Vocational or technical certificate/diploma after high school (such as cosmetology or medical assistant)	ST008Q05JA01	ST008Q05JA02

The following	ı two	questions concern	vour	mother's	ioh:
THE TOHOWING		questions concern	your	mouner s	JUD.

(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, lawyer) 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, practices law) Please use a sentence to describe the kind of work she does or did in that job.	ST014Q02TA01

The followin	a two d	nuestions	concern	vour	father's	iob:
THE TOHOWIN	gtwot	Juestions	COLICELLI	your	iatiici s	IUD.

(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, lawyer) 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, practices law) Please use a sentence to describe the kind of work he does or did in that job.	ST015Q02TA01

In the past 30 days, how often did you not eat because there was not enough money to buy food?

(Please select one response.)

Never or almost never	ST258Q01JA0 1 C
About once a week	ST258Q01JA0 2 C
2 to 3 times a week	ST258Q01JA0 3 C
4 to 5 times a week	ST258Q01JA0 4 C
Every day or almost every day	ST258Q01JA0 5

The scale below represents how society in the United States is set up.

At the top of the scale (value 10) are the people who are the best off. They earn the most money, receive the best education, and have the most respected jobs.

At the bottom of the scale (value 1) are the people who are the worst off. They earn the least money, receive no education, and have no jobs or the least respected jobs.

Now think about where you would place your family on this scale.

(Please select one response in each row.)

	1	2	3	4	5	6	7	8	9	10
Where would you say <u>your family stands at this time?</u>	ST259Q0 1JA01	ST259Q0 1JA02	ST259Q0 1JA03	ST259Q0 1JA04	ST259Q0 1JA05	ST259Q0 1JA06	ST259Q0 1JA07	ST259Q0 1JA08	ST259Q 01JA09	· · · · ·
Where do you think you will stand when you are 30?	ST259Q0 2JA01	ST259Q0 2JA02	ST259Q0 2JA03	ST259Q0 2JA04	ST259Q0 2JA05	ST259Q0 2JA06	ST259Q0 2JA07	ST259Q0 2JA08	ST259Q 02JA09	ST259Q 02JA10

In what country were you and your parents born?

(Please select one response in each column.)

	You	Mother	Father
United States*	ST019AC01T01 O	ST019BC01T01 O	ST019CC01T01 C
Other country	ST019AC01T02 C	ST019BC01T02 C	ST019CC01T02
I don't know.	ST019AC01J03 O	ST019BC01J03 O	ST019CC01J03

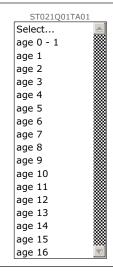
 $[\]ast$ NOTE: The "United States" refers to the 50 states, District of Columbia, and U.S. military bases abroad.

Rule: IF (^ST019AC01T != 01) THEN GOTO ^ST021 ELSE GOTO ^ST022 Message:	
ST019R01	

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

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

(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).)



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

(Please select one response.)

English	ST022C01TA01 C
Spanish	ST022C01TA02
Other language	ST022C01TA03 C

How long have you been enrolled at this school?

(Please select one response.)

Three or more school years, not including this school year	ST226Q01JA0 1 C
Two school years, not including this school year	ST226Q01JA0 2 C
One school year, not including this school year	ST226Q01JA0 3 C
I came to this school at the start of this school year.	ST226Q01JA0 4 C
I came to this school <u>after</u> the start of this school year.	ST226Q01JA0 5 C

How old were you when you started preschool?

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

	ST125Q01NA01
	1 year or younger 2 years
Years	1 year or younger 2 years 3 years 4 years 5 years 6 years or older I did not attend preschool.
	5 years
	6 years or older
	I did not attend preschool. I do not remember.

How old were you when you started first grade?

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

Years old	ST126Q01TA01 Select 3 or younger 4 5 6 7 8 9 or older
-----------	--

Have you ever repeated a grade?

(Please select one response in each row.)

	No, never	Yes, once	Yes, twice or more
In kindergarten	ST127A01TA01	ST127A01TA02 C	ST127A01TA03 C
In grades 1-6	ST127C01TA01	ST127C01TA02	ST127C01TA03
In grades 7-9	ST127C02TA01	ST127C02TA02	ST127C02TA03
In grades 10-12	ST127C03TA01	ST127C03TA02	ST127C03TA03

Have you ever missed school for more than three months in a row?

(Please select one response in each row.)

	No, never	Yes, once	Yes, twice or more
At grades 1-6	ST260Q01JA01	ST260Q01JA02	ST260Q01JA03
At grades 7-9	ST260Q02JA01	ST260Q02JA02	ST260Q02JA03
At grades 10-12	ST260Q03JA01	ST260Q03JA02	ST260Q03JA03

Rule: IF (^ST260Q01JA = 02 OR ^ST260Q01JA = 03 OR ^ST260Q02JA = 02 OR ^ST260Q02JA = 03 OR ^ST260Q03JA = 02 OR ^ST260Q03JA = 03) THEN GOTO ^ST261 ELSE GOTO ^ST062 Message:
ST260R01

Why did you miss school for more than three months in a row?

(Please select one response in each row.)

	Yes	No
I was bored.	ST261Q01JA0 1 C	ST261Q01JA0 2 C
I was suspended for something (e.g. violence, aggression, use of drugs, drug dealing).	ST261Q02JA0 1	ST261Q02JA0 2
I was pregnant.	ST261Q03JA0 1	ST261Q03JA0 2
I could not reach school because of transportation problems.	ST261Q04JA0 1	ST261Q04JA0 2
I had to take care of a family member.	ST261Q05JA0 1	ST261Q05JA0 2 C
I had to help with work at home, the family business, or on the family land.	ST261Q06JA0 1	ST261Q06JA0 2
I had to get work to bring money home.	ST261Q07JA0 1	ST261Q07JA0 2
I was sick.	ST261Q08JA0 1	ST261Q08JA0 2
I did not feel safe at school.	ST261Q09JA0 1	ST261Q09JA0 2
My family could not afford school tuition or fees.	ST261Q10JA0 1	ST261Q10JA0 2
School was closed because of a natural disaster (e.g. flood, earthquake).	ST261Q11JA0 1 C	ST261Q11JA0 2 C

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

(Please select one response in each row.)

	None	One or two times	Three or four times	Five or more times
I skipped a whole school day.	ST062Q01TA01	ST062Q01TA02	ST062Q01TA03	ST062Q01TA04
I skipped some classes.	ST062Q02TA01	ST062Q02TA02	ST062Q02TA03	ST062Q02TA04
I arrived late for school.	ST062Q03TA01	ST062Q03TA02	ST062Q03TA03	ST062Q03TA04

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
The teachers at my school are respectful towards me.	ST267Q01JA0 1 C	ST267Q01JA0 2 C	ST267Q01JA0 3 C	ST267Q01JA0 4 C
If I walked into my classes upset, my teachers would be concerned about me.	ST267Q02JA0 1 C	ST267Q02JA0 2 C	ST267Q02JA0 3	ST267Q02JA0 4 C
If I came back to visit my school three years from now, my teachers would be excited to see me.	ST267Q03JA0 1	ST267Q03JA0 2 C	ST267Q03JA0 3	ST267Q03JA0 4 C
I feel intimidated by the teachers at my school.	ST267Q04JA0 1	ST267Q04JA0 2 C	ST267Q04JA0 3	ST267Q04JA0 4 C
When my teachers ask how I am doing, they are really interested in my answer.	ST267Q05JA0 1	ST267Q05JA0 2	ST267Q05JA0 3	ST267Q05JA0 4 C
The teachers at my school are friendly towards me.	ST267Q06JA0 1	ST267Q06JA0 2	ST267Q06JA0 3	ST267Q06JA0 4 C
The teachers at my school are interested in students' well-being.	ST267Q07JA0 1	ST267Q07JA0 2	ST267Q07JA0 3	ST267Q07JA0 4 C
The teachers at my school are mean towards me.	ST267Q08JA0 1	ST267Q08JA0 2	ST267Q08JA0 3	ST267Q08JA0 4

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

(Please select one response in each row.)

	Strongly agree	Agree	Disagree	Strongly disagree
I feel like an outsider (or left out of things) at school.	ST034Q01TA01	ST034Q01TA02	ST034Q01TA03	ST034Q01TA04
I make friends easily at school.	ST034Q02TA01	ST034Q02TA02	ST034Q02TA03	ST034Q02TA04
I feel like I belong at school.	ST034Q03TA01	ST034Q03TA02	ST034Q03TA03	ST034Q03TA04
I feel awkward and out of place in my school.	ST034Q04TA01	ST034Q04TA02	ST034Q04TA03	ST034Q04TA04
Other students seem to like me.	ST034Q05TA01	ST034Q05TA02	ST034Q05TA03	ST034Q05TA04
I feel lonely at school.	ST034Q06TA01	ST034Q06TA02	ST034Q06TA03	ST034Q06TA04

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

(Some experiences can also happen in social media.)

(Please select one response in each row.)

	Never or almost never	A few times a year	A few times a month	Once a week or more
Other students left me out of things on purpose.	ST038Q03NA01	ST038Q03NA02	ST038Q03NA03	ST038Q03NA04
Other students made fun of me.	ST038Q04NA01	ST038Q04NA02	ST038Q04NA03	ST038Q04NA04
I was threatened by other students.	ST038Q05NA01	ST038Q05NA02	ST038Q05NA03	ST038Q05NA04
Other students took away or destroyed things that belonged to me.	ST038Q06NA01	ST038Q06NA02	ST038Q06NA03	ST038Q06NA04
I got hit or pushed around by other students.	ST038Q07NA01	ST038Q07NA02	ST038Q07NA03	ST038Q07NA04
Other students spread nasty rumors about me.	ST038Q08NA01	ST038Q08NA02	ST038Q08NA03	ST038Q08NA04
I was in a physical fight on school property.	ST038Q09JA01	ST038Q09JA02	ST038Q09JA03	ST038Q09JA04
I stayed home from school because I felt unsafe.	ST038Q10JA01	ST038Q10JA02	ST038Q10JA03	ST038Q10JA04
I gave money to someone at school because they threatened me.	ST038Q11JA01	ST038Q11JA02 C	ST038Q11JA03 C	ST038Q11JA04

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

(Please select one response in each row.)

	Strongly agree	Agree	Disagree	Strongly Disagree
I feel safe on my way to school.	ST265Q01JA0 1 C	ST265Q01JA0 2 C	ST265Q01JA0 3 C	ST265Q01JA0 4 C
I feel safe on my way home from school.	ST265Q02JA0 1 C	ST265Q02JA0 2 C	ST265Q02JA0 3 C	ST265Q02JA0 4 C
I feel safe in my classrooms at school.	ST265Q03JA0 1	ST265Q03JA0 2 C	ST265Q03JA0 3 C	ST265Q03JA0 4 C
I feel safe at other places at school (e.g. hallway, cafeteria, restroom).	ST265Q04JA0 1	ST265Q04JA0 2 C	ST265Q04JA0 3 C	ST265Q04JA0 4 C

During the past four weeks, did any of the following events occur?

(Please select one response in each row.)

	Yes	No
Our school was vandalized.	ST266Q01JA0 1 C	ST266Q01JA0 2 C
I witnessed a fight on school property in which someone got hurt.	ST266Q02JA0 1 C	ST266Q02JA0 2
I saw gangs in school.	ST266Q03JA0 1 C	ST266Q03JA0 2 C
I heard a student threaten to hurt another student.	ST266Q04JA0 1	ST266Q04JA0 2
I saw a student carrying a gun or knife at school.	ST266Q05JA0 1	ST266Q05JA0 2

During a typical school week, on how many days do you do each of the following before going to school?

(Please select one response in each row.)

	0 days	1 day	2 days	3 days	4 days	5 or more days
Eat breakfast	ST294Q01JA0 1 C	ST294Q01JA0 2 C	ST294Q01JA0 3 C	ST294Q01JA0 4 C	ST294Q01JA0 5 C	ST294Q01JA0 6 C
Study for school or homework	ST294Q02JA0 1	ST294Q02JA0 2	ST294Q02JA0 3	ST294Q02JA0 4 C	ST294Q02JA0 5	ST294Q02JA0 6
Work in the household or take care of family members	ST294Q03JA0 1	ST294Q03JA0 2 C	ST294Q03JA0 3	ST294Q03JA0 4 C	ST294Q03JA0 5	ST294Q03JA0 6 C
Work for pay	ST294Q04JA0 1	ST294Q04JA0 2 C	ST294Q04JA0 3	ST294Q04JA0 4 C	ST294Q04JA0 5	ST294Q04JA0 6 C
Exercise or practice a sport (e.g., running, cycling, aerobics, soccer, skating, football)	ST294Q05JA0 1	ST294Q05JA0 2 C	ST294Q05JA0 3	ST294Q05JA0 4 C	ST294Q05JA0 5	ST294Q05JA0 6 C

During a typical school week, on how many days do you do each of the following after leaving school?

(Please select one response in each row.)

	0 days	1 day	2 days	3 days	4 days	5 or more days
Eat dinner	ST295Q01JA0 1 C	ST295Q01JA0 2 C	ST295Q01JA0 3 C	ST295Q01JA0 4 C	ST295Q01JA0 5	ST295Q01JA0 6 C
Study for school or homework	ST295Q02JA0 1	ST295Q02JA0 2 C	ST295Q02JA0 3	ST295Q02JA0 4 C	ST295Q02JA0 5	ST295Q02JA0 6 C
Work in the household or take care of family members	ST295Q03JA0 1	ST295Q03JA0 2 C	ST295Q03JA0 3 C	ST295Q03JA0 4 C	ST295Q03JA0 5	ST295Q03JA0 6 C
Work for pay	ST295Q04JA0 1	ST295Q04JA0 2 C	ST295Q04JA0 3	ST295Q04JA0 4 C	ST295Q04JA0 5	ST295Q04JA0 6 C
Exercise or practice a sport (e.g., running, cycling, aerobics, soccer, skating, football)	ST295Q05JA0 1	ST295Q05JA0 2 C	ST295Q05JA0 3 C	ST295Q05JA0 4 C	ST295Q05JA0 5	ST295Q05JA0 6 C

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
Your intelligence is something about you that you cannot change very much.	ST263Q02JA0 1 C	ST263Q02JA0 2 C	ST263Q02JA0 3 C	ST263Q02JA0 4 C
Some people are just not good at mathematics, no matter how hard they study.	ST263Q04JA0 1	ST263Q04JA0 2 C	ST263Q04JA0 3	ST263Q04JA0 4 C
Some people are just not good in English, no matter how hard they study.	ST263Q06JA0 1	ST263Q06JA0 2 C	ST263Q06JA0 3	ST263Q06JA0 4 C

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How many class periods per week are you typically <u>required to attend</u> 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 mathematics	ST059Q01TA01				
Total number of class periods per week for all subjects, including mathematics	ST059Q02JA01				

In a typical school week, approximately how much time do you spend on homework in the following subjects?

(Please select one response in each row.)

	Up to 30 minutes a day	More than 30 minutes and up to 1 hour a day	More than 1 hour and up to 2 hours a day	More than 2 hours and up to 3 hours a day	More than 3 hours and up to 4 hours a day	More than 4 hours a day
Mathematics homework	ST296Q01JA0 1 C	ST296Q01JA0 2 C	ST296Q01JA0 3 C	ST296Q01JA0 4 C	ST296Q01JA0 5 C	ST296Q01JA0 6 C
English/Language Arts homework	ST296Q02JA0 1 C	ST296Q02JA0 2 C	ST296Q02JA0 3 C	ST296Q02JA0 4 C	ST296Q02JA0 5	ST296Q02JA0 6
Science homework	ST296Q03JA0 1 C	ST296Q03JA0 2 C	ST296Q03JA0 3 C	ST296Q03JA0 4 C	ST296Q03JA0 5	ST296Q03JA0 6 C
Total time for all homework in all subjects, including subjects not listed above	ST296Q04JA0 1	ST296Q04JA0 2	ST296Q04JA0 3	ST296Q04JA0 4 C	ST296Q04JA0 5	ST296Q04JA0 6

How often do these things happen in your mathematics lessons?

(Please select one response in each row.)

	Every lesson	Most lessons	Some lessons	Never or almost never
Students do not listen to what the teacher said.	ST273Q01JA0 1	ST273Q01JA0 2 C	ST273Q01JA0 3 C	ST273Q01JA0 4 C
There is noise and disorder.	ST273Q02JA0 1	ST273Q02JA0 2	ST273Q02JA0 3 C	ST273Q02JA0 4 C
The teacher has to wait a long time for students to quiet down.	ST273Q03JA0 1	ST273Q03JA0 2 C	ST273Q03JA0 3 C	ST273Q03JA0 4 C
Students cannot work well.	ST273Q04JA0 1	ST273Q04JA0 2 C	ST273Q04JA0 3 C	ST273Q04JA0 4 C
Students do not start working for a long time after the lesson begins.	ST273Q05JA0 1	ST273Q05JA0 2 C	ST273Q05JA0 3	ST273Q05JA0 4 C
Students get distracted by using digital devices or resources (e.g. smartphones, websites, apps).	ST273Q06JA0 1	ST273Q06JA0 2	ST273Q06JA0 3	ST273Q06JA0 4 C
Students get distracted by other students who are using digital devices or resources (e.g. smartphones, websites, apps).	ST273Q07JA0 1	ST273Q07JA0 2	ST273Q07JA0 3	ST273Q07JA0 4 C

How often do these things happen in your mathematics lessons?

(Please select one response in each row.)

	Every lesson	Most lessons	Some lessons	Never or almost never
The teacher shows an interest in every student's learning.	ST270Q01JA0 1	ST270Q01JA0 2 C	ST270Q01JA0 3 C	ST270Q01JA0 4 C
The teacher gives extra help when students need it.	ST270Q02JA0 1 C	ST270Q02JA0 2 C	ST270Q02JA0 3 C	ST270Q02JA0 4 C
The teacher helps students with their learning.	ST270Q03JA0 1	ST270Q03JA0 2 C	ST270Q03JA0 3 C	ST270Q03JA0 4 C
The teacher continues teaching until the students understand.	ST270Q04JA0 1	ST270Q04JA0 2 C	ST270Q04JA0 3 C	ST270Q04JA0 4 C

This school year, how often did your teacher do the following things in your mathematics lessons?

(Please select one response in each row.)

	Never or almost never	Less than half of the lessons	About half of the lessons	More than half of the lessons	Every lesson or almost every lesson
The teacher asked us to solve mathematics problems without computing anything.	ST285Q01JA0	ST285Q01JA0	ST285Q01JA0	ST285Q01JA0	ST285Q01JA0
	1	2	3	4	5
	C	C	C	C	C
The teacher asked us to explain how we solved a mathematics problem.	ST285Q02JA0 1 C	ST285Q02JA0 2 C	ST285Q02JA0 3 C	ST285Q02JA0 4 C	ST285Q02JA0 5
The teacher asked us to explain what assumptions we were making when solving a mathematics problem.	ST285Q03JA0	ST285Q03JA0	ST285Q03JA0	ST285Q03JA0	ST285Q03JA0
	1	2	3	4	5
	C	C	C	C	C
The teacher asked us to explain our reasoning when solving a mathematics problem.	ST285Q04JA0 1	ST285Q04JA0 2 C	ST285Q04JA0 3	ST285Q04JA0 4 C	ST285Q04JA0 5
The teacher asked us to defend our answer to a mathematics problem.	ST285Q05JA0 1	ST285Q05JA0 2 C	ST285Q05JA0 3	ST285Q05JA0 4 C	ST285Q05JA0 5
The teacher asked us to think about how new and old mathematics topics were related.	ST285Q06JA0	ST285Q06JA0	ST285Q06JA0	ST285Q06JA0	ST285Q06JA0
	1	2	3	4	5
The teacher encouraged us to think about how to solve mathematics problems in different ways than demonstrated in class.	ST285Q07JA0	ST285Q07JA0	ST285Q07JA0	ST285Q07JA0	ST285Q07JA0
	1	2	3	4	5
The teacher told us to keep trying even when we face difficulties with a mathematics task.	ST285Q08JA0	ST285Q08JA0	ST285Q08JA0	ST285Q08JA0	ST285Q08JA0
	1	2	3	4	5
The teacher taught us to memorize rules and apply them to solve mathematics problems.	ST285Q09JA0 1	ST285Q09JA0 2 C	ST285Q09JA0 3	ST285Q09JA0 4 C	ST285Q09JA0 5 C

This school year, how often did your teacher do the following things in your mathematics lessons?

(Please select one response in each row.)

	Never or almost never	Less than half of the lessons	About half of the lessons	More than half of the lessons	Every lesson or almost every lesson
The teacher asked us to think of problems from everyday life that could be solved with new mathematics knowledge we learned.	ST283Q01JA0 1 C	ST283Q01JA0 2 C	ST283Q01JA0 3 C	ST283Q01JA0 4 C	ST283Q01JA0 5 C
The teacher showed us how mathematics can be useful in our everyday lives.	ST283Q02JA0 1 C	ST283Q02JA0 2 C	ST283Q02JA0 3 C	ST283Q02JA0 4 C	ST283Q02JA0 5
The teacher encouraged us to "think mathematically".	ST283Q03JA0 1 C	ST283Q03JA0 2 C	ST283Q03JA0 3 C	ST283Q03JA0 4 C	ST283Q03JA0 5 C
The teacher taught us how to use mathematical logic when approaching new situations.	ST283Q04JA0 1 C	ST283Q04JA0 2 C	ST283Q04JA0 3	ST283Q04JA0 4 C	ST283Q04JA0 5
The teacher showed us how some problems that look difficult can be solved more easily by understanding how the number system is organized.	ST283Q05JA0 1 C	ST283Q05JA0 2 C	ST283Q05JA0 3 C	ST283Q05JA0 4 C	ST283Q05JA0 5
The teacher gave problems from everyday life involving numbers and asked us to make a decision about the situation.	ST283Q06JA0 1	ST283Q06JA0 2 C	ST283Q06JA0 3 C	ST283Q06JA0 4 C	ST283Q06JA0 5 C
The teacher asked us how different topics are connected to a bigger mathematical idea.	ST283Q07JA0 1	ST283Q07JA0 2 C	ST283Q07JA0 3 C	ST283Q07JA0 4 C	ST283Q07JA0 5 C
The teacher encouraged us to think about how a problem from everyday life could be solved using mathematics.	ST283Q08JA0 1	ST283Q08JA0 2 C	ST283Q08JA0 3	ST283Q08JA0 4 C	ST283Q08JA0 5
The teacher explained how different mathematical ideas connect to a larger context.	ST283Q09JA0 1 C	ST283Q09JA0 2 C	ST283Q09JA0 3 C	ST283Q09JA0 4 C	ST283Q09JA0 5

How often have you encountered the following types of mathematics tasks during your time at school?

(Please select one response in each row.)

	Frequently	Sometimes	Rarely	Never
Working out from a train schedule how long it would take to get from one place to another	ST275Q01WA	ST275Q01WA	ST275Q01WA	ST275Q01WA
	01	02	03	04
	C	C	C	C
Calculating how much more expensive a computer would be after adding tax	ST275Q02WA	ST275Q02WA	ST275Q02WA	ST275Q02WA
	01	02	03	04
	C	C	C	C
Calculating how many square meters of tiles you need to cover a floor	ST275Q03WA	ST275Q03WA	ST275Q03WA	ST275Q03WA
	01	02	03	04
	C	C	C	C
Understanding scientific tables presented in an article	ST275Q04WA 01 C	ST275Q04WA 02 C	ST275Q04WA 03	ST275Q04WA 04 C
Solving an equation like $6x^2+5=29$	ST275Q05WA	ST275Q05WA	ST275Q05WA	ST275Q05WA
	01	02	03	04
	C	C	C	C
Finding the actual distance between two places on a map with a 1:10,000 scale	ST275Q06WA 01 C	ST275Q06WA 02	ST275Q06WA 03	ST275Q06WA 04 C
Solving an equation like $2(x+3) = (x+3)(x-3)$	ST275Q07WA	ST275Q07WA	ST275Q07WA	ST275Q07WA
	01	02	03	04
	C	C	C	C
Calculating the power consumption of an electronic appliance per week	ST275Q08WA 01 C	ST275Q08WA 02 C	ST275Q08WA 03	ST275Q08WA 04 C
Solving an equation like 3x+5=17	ST275Q09WA 01	ST275Q09WA 02	ST275Q09WA 03	ST275Q09WA 04 C

How often have you encountered the following types of mathematics tasks during your time at school?

(Please select one response in each row.)

	Frequently	Sometimes	Rarely	Never
Extracting mathematical information from diagrams, graphs, or simulations	ST276Q01JA0 1 C	ST276Q01JA0 2 C	ST276Q01JA0 3 C	ST276Q01JA0 4 C
Interpreting mathematical solutions in the context of a real-life challenge	ST276Q02JA0 1	ST276Q02JA0 2 C	ST276Q02JA0 3	ST276Q02JA0 4 C
Using the concept of statistical variation to make a decision	ST276Q03JA0 1 C	ST276Q03JA0 2 C	ST276Q03JA0 3	ST276Q03JA0 4 C
Identifying mathematical aspects of a real-world problem	ST276Q04JA0 1	ST276Q04JA0 2	ST276Q04JA0 3	ST276Q04JA0 4 C
Identifying constraints and assumptions behind mathematical modeling	ST276Q05JA0 1	ST276Q05JA0 2 C	ST276Q05JA0 3	ST276Q05JA0 4 C
Representing a situation mathematically using variables, symbols, or diagrams	ST276Q06JA0 1	ST276Q06JA0 2	ST276Q06JA0 3	ST276Q06JA0 4
Evaluating the significance of observed patterns in data	ST276Q07JA0 1	ST276Q07JA0 2	ST276Q07JA0 3	ST276Q07JA0 4 C
Coding/programming computers	ST276Q08JA0 1	ST276Q08JA0 2	ST276Q08JA0 3	ST276Q08JA0 4
Working with computer mathematics systems (e.g. spreadsheets, programming software, graphing calculators)	ST276Q09JA0 1	ST276Q09JA0 2	ST276Q09JA0 3	ST276Q09JA0 4
Calculating the properties of an irregularly shaped object	ST276Q10JA0 1	ST276Q10JA0 2	ST276Q10JA0 3	ST276Q10JA0 4

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
Mathematics is one of my favorite subjects.	ST268Q01JA0 1 C	ST268Q01JA0 2 C	ST268Q01JA0 3 C	ST268Q01JA0 4 C
English/Language Arts is one of my favorite subjects.	ST268Q02JA0 1	ST268Q02JA0 2 C	ST268Q02JA0 3	ST268Q02JA0 4 C
Science is one of my favorite subjects.	ST268Q03JA0 1	ST268Q03JA0 2 C	ST268Q03JA0 3 C	ST268Q03JA0 4 C
Mathematics is easy for me.	ST268Q04JA0 1	ST268Q04JA0 2 C	ST268Q04JA0 3	ST268Q04JA0 4 C
English is easy for me.	ST268Q05JA0 1 C	ST268Q05JA0 2 C	ST268Q05JA0 3 C	ST268Q05JA0 4 C
Science is easy for me.	ST268Q06JA0 1	ST268Q06JA0 2 C	ST268Q06JA0 3	ST268Q06JA0 4 C
I want to do well in my mathematics class.	ST268Q07JA0 1	ST268Q07JA0 2 C	ST268Q07JA0 3	ST268Q07JA0 4 C
I want to do well in my English/Language Arts class.	ST268Q08JA0 1	ST268Q08JA0 2 C	ST268Q08JA0 3	ST268Q08JA0 4 C
I want to do well in my science class.	ST268Q09JA0 1	ST268Q09JA0 2	ST268Q09JA0 3	ST268Q09JA0 4 C

How confident do you feel about having to do the following mathematics tasks?

(Please select one response in each row.)

	Not at all confident	Not very confident	Confident	Very confident
Working out from a train schedule how long it would take to get from one place to another	ST290Q01WA	ST290Q01WA	ST290Q01WA	ST290Q01WA
	01	02	03	04
	C	C	C	C
Calculating how much more expensive a computer would be after adding tax	ST290Q02WA	ST290Q02WA	ST290Q02WA	ST290Q02WA
	01	02	03	04
	C	C	C	C
Calculating how many square meters of tiles you need to cover a floor	ST290Q03WA	ST290Q03WA	ST290Q03WA	ST290Q03WA
	01	02	03	04
	C	C	C	C
Understanding scientific tables presented in an article	ST290Q04WA	ST290Q04WA	ST290Q04WA	ST290Q04WA
	01	02	03	04
	C	C	C	C
Solving an equation like 6x²+5=29	ST290Q05WA	ST290Q05WA	ST290Q05WA	ST290Q05WA
	01	02	03	04
	C	C	C	C
Finding the actual distance between two places on a map with a 1:10,000 scale	ST290Q06WA 01 C	ST290Q06WA 02 C	ST290Q06WA 03	ST290Q06WA 04 C
Solving an equation like $2(x+3) = (x+3)(x-3)$	ST290Q07WA	ST290Q07WA	ST290Q07WA	ST290Q07WA
	01	02	03	04
	C	C	C	C
Calculating the power consumption of an electronic appliance per week	ST290Q08WA 01 C	ST290Q08WA 02 C	ST290Q08WA 03	ST290Q08WA 04 C
Solving an equation like 3x+5=17	ST290Q09WA	ST290Q09WA	ST290Q09WA	ST290Q09WA
	01	02	03	04
	C	C	C	C

How confident do you feel about having to do the following mathematics tasks?

(Please select one response in each row.)

	Not at all confident	Not very confident	Confident	Very confident
Extracting mathematical information from diagrams, graphs, or simulations	ST291Q01JA0 1 C	ST291Q01JA0 2 C	ST291Q01JA0 3 C	ST291Q01JA0 4 C
Interpreting mathematical solutions in the context of a real-life challenge	ST291Q02JA0 1	ST291Q02JA0 2 C	ST291Q02JA0 3	ST291Q02JA0 4 C
Using the concept of statistical variation to make a decision	ST291Q03JA0 1	ST291Q03JA0 2 C	ST291Q03JA0 3	ST291Q03JA0 4 C
Identifying mathematical aspects of a real-world problem	ST291Q04JA0 1	ST291Q04JA0 2 C	ST291Q04JA0 3	ST291Q04JA0 4 C
Identifying constraints and assumptions behind mathematical modeling	ST291Q05JA0 1	ST291Q05JA0 2 C	ST291Q05JA0 3	ST291Q05JA0 4 C
Representing a situation mathematically using variables, symbols, or diagrams	ST291Q06JA0 1	ST291Q06JA0 2 C	ST291Q06JA0 3	ST291Q06JA0 4 C
Evaluating the significance of observed patterns in data	ST291Q07JA0 1	ST291Q07JA0 2	ST291Q07JA0 3	ST291Q07JA0 4
Coding/programming computers	ST291Q08JA0 1	ST291Q08JA0 2	ST291Q08JA0 3	ST291Q08JA0 4
Working with computer mathematics systems (e.g. spreadsheets, programming software, graphing calculators)	ST291Q09JA0 1	ST291Q09JA0 2	ST291Q09JA0 3	ST291Q09JA0 4 C
Calculating the properties of an irregularly shaped object	ST291Q10JA0 1	ST291Q10JA0 2 C	ST291Q10JA0 3	ST291Q10JA0 4 C

Thinking about mathematical concepts: how familiar are you with the following terms?

(Please select one response in each row.)

	Never heard of it	Heard of it once or twice	Heard of it a few times	Heard of it often	Know it well, understan d the concept
Divisor	ST289Q01WA	ST289Q01WA	ST289Q01WA	ST289Q01WA	ST289Q01WA
	01	02	03	04	05
	C	C	C	C	C
Area of a circle	ST289Q02JA0 1 C	ST289Q02JA0 2 C	ST289Q02JA0 3	ST289Q02JA0 4 C	ST289Q02JA0 5
Subjunctive scaling	ST289Q03WA	ST289Q03WA	ST289Q03WA	ST289Q03WA	ST289Q03WA
	01	02	03	04	05
	C	C	C	C	C
Congruent figures	ST289Q04JA0 1 C	ST289Q04JA0 2	ST289Q04JA0 3	ST289Q04JA0 4 C	ST289Q04JA0 5
Linear equation	ST289Q05WA	ST289Q05WA	ST289Q05WA	ST289Q05WA	ST289Q05WA
	01	02	03	04	05
	C	C	C	C	C
Pythagorean theorem	ST289Q06JA0 1 C	ST289Q06JA0 2 C	ST289Q06JA0 3 C	ST289Q06JA0 4 C	ST289Q06JA0 5
Linear inequalities	ST289Q07JA0	ST289Q07JA0	ST289Q07JA0	ST289Q07JA0	ST289Q07JA0
	1	2	3	4	5
	C	C	C	C	C
Complex number	ST289Q08WA	ST289Q08WA	ST289Q08WA	ST289Q08WA	ST289Q08WA
	01	02	03	04	05
	C	C	C	C	C
Exponential function	ST289Q09WA 01 C	ST289Q09WA 02	ST289Q09WA 03	ST289Q09WA 04	ST289Q09WA 05 C
Probability	ST289Q10WA 01 C	ST289Q10WA 02	ST289Q10WA 03	ST289Q10WA 04	ST289Q10WA 05
Declarative fraction	ST289Q11WA	ST289Q11WA	ST289Q11WA	ST289Q11WA	ST289Q11WA
	01	02	03	04	05
	C	C	C	C	C
Three-dimensional geometry	ST289Q14JA0	ST289Q14JA0	ST289Q14JA0	ST289Q14JA0	ST289Q14JA0
	1	2	3	4	5
	C	C	C	C	C

This school year, how often did you do each of the following?

(Please select one response in each row.)

	Never or almost never	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time
I actively participated in group discussions during mathematics class.	ST293Q01JA0 1 C	ST293Q01JA0 2 C	ST293Q01JA0 3 C	ST293Q01JA0 4 C	ST293Q01JA0 5 C
I paid attention when my mathematics teacher was speaking.	ST293Q02JA0 1	ST293Q02JA0 2	ST293Q02JA0 3	ST293Q02JA0 4	ST293Q02JA0 5
I put effort into my assignments for mathematics class.	ST293Q03JA0 1 C	ST293Q03JA0 2 C	ST293Q03JA0 3 C	ST293Q03JA0 4 C	ST293Q03JA0 5 C
I gave up when I did not understand the mathematics material that was being taught.	ST293Q04JA0 1	ST293Q04JA0 2	ST293Q04JA0 3	ST293Q04JA0 4 C	ST293Q04JA0 5
I made time to learn the material for mathematics class.	ST293Q05JA0 1 C	ST293Q05JA0 2 C	ST293Q05JA0 3 C	ST293Q05JA0 4 C	ST293Q05JA0 5
I asked questions when I did not understand the mathematics material that was being taught.	ST293Q06JA0 1	ST293Q06JA0 2	ST293Q06JA0 3	ST293Q06JA0 4 C	ST293Q06JA0 5
I lost interest during mathematics lessons.	ST293Q07JA0 1	ST293Q07JA0 2	ST293Q07JA0 3	ST293Q07JA0 4 C	ST293Q07JA0 5
I tried to connect new material to what I have learned in previous mathematics lessons.	ST293Q08JA0 1	ST293Q08JA0 2	ST293Q08JA0 3	ST293Q08JA0 4 C	ST293Q08JA0 5
I started my work on mathematics assignments right away.	ST293Q09JA0 1 C	ST293Q09JA0 2 C	ST293Q09JA0 3 C	ST293Q09JA0 4 C	ST293Q09JA0 5

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

(Please select one response in each row.)

	Strongly agree	Agree	Disagree	Strongly disagree
I often worry that it will be difficult for me in mathematics classes.	ST292Q01JA0 1 C	ST292Q01JA0 2 C	ST292Q01JA0 3 C	ST292Q01JA0 4 C
I get very tense when I have to do mathematics homework.	ST292Q02JA0 1 C	ST292Q02JA0 2 C	ST292Q02JA0 3 C	ST292Q02JA0 4 C
I get very nervous doing mathematics problems.	ST292Q03JA0 1	ST292Q03JA0 2 C	ST292Q03JA0 3 C	ST292Q03JA0 4 C
I feel helpless when doing a mathematics problem.	ST292Q04JA0 1	ST292Q04JA0 2 C	ST292Q04JA0 3 C	ST292Q04JA0 4 C
I worry that I will get poor grades in mathematics.	ST292Q05JA0 1	ST292Q05JA0 2 C	ST292Q05JA0 3 C	ST292Q05JA0 4 C
I feel anxious about failing in mathematics.	ST292Q06JA0 1	ST292Q06JA0 2	ST292Q06JA0 3	ST292Q06JA0 4

		_				_	
This school	vear whic	h tynes of a	dditional ma	athematics i	instruction o	r lessons do	you participate in?
TILIS SCHOOL	ycai, will	ii typca oi a	aditional mit	atiitiiiatits i	misti action c	n icasonia do	you participate iii:

(Please select all that apply.)

One-on-one tutoring with a person	ST297Q01JA0 1
Internet or computer tutoring with a program or application	ST297Q03JA0 1
Video-recorded instruction by a person	ST297Q05JA0 1
Small group study or practice (2 to 7 students)	ST297Q06JA0 1
Large group study or practice (8 or more students)	ST297Q07JA0 1
I do not participate in additional mathematics instruction or lessons	ST297Q09JA0 1

How often do your parents or someone in your family do the following things with you?

(Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
Discuss how well you are doing at school.	ST300Q01JA0 1 C	ST300Q01JA0 2 C	ST300Q01JA0 3 C	ST300Q01JA0 4 C	ST300Q01JA0
Eat dinner with you.	ST300Q02JA0 1	ST300Q02JA0 2	ST300Q02JA0 3	ST300Q02JA0 4	ST300Q02JA0
Spend time just talking with you.	ST300Q03JA0 1	ST300Q03JA0 2	ST300Q03JA0 3	ST300Q03JA0 4	ST300Q03JA0
Talk you to you about the importance of finishing high school.	ST300Q04JA0 1	ST300Q04JA0 2	ST300Q04JA0 3	ST300Q04JA0 4	ST300Q04JA0
Talk to you about any problems you might have at school.	ST300Q05JA0 1	ST300Q05JA0 2 C	ST300Q05JA0 3	ST300Q05JA0 4 C	ST300Q05JA0
Ask you about how well you are getting along with other students at school.	ST300Q06JA0 1	ST300Q06JA0 2	ST300Q06JA0 3	ST300Q06JA0 4	ST300Q06JA0
Encourage you to get good grades.	ST300Q07JA0 1	ST300Q07JA0 2	ST300Q07JA0 3	ST300Q07JA0 4	ST300Q07JA0
Take an interest in what you are learning at school.	ST300Q08JA0 1	ST300Q08JA0 2	ST300Q08JA0 3	ST300Q08JA0 4 C	ST300Q08JA0
Talk to you about your future education.	ST300Q09JA0 1	ST300Q09JA0 2	ST300Q09JA0 3	ST300Q09JA0 4 C	ST300Q09JA0
Ask you what you did in school that day.	ST300Q10JA0 1	ST300Q10JA0 2	ST300Q10JA0 3	ST300Q10JA0 4	ST300Q10JA0

Which of the following qualifications do you expect to complete?

(Please select one response in each row.)

	Yes	No	I don't know.
Junior or middle high school diploma	ST327Q01JA0 1 C	ST327Q01JA0 2 C	ST327Q01JA0 3 C
High school diploma	ST327Q03JA0 1 C	ST327Q03JA0 2 C	ST327Q03JA0 3
Vocational or technical certificate/diploma after high school (such as cosmetology or auto mechanics)	ST327Q04JA0 1	ST327Q04JA0 2 C	ST327Q04JA0 3
Associate's degree	ST327Q05JA0 1	ST327Q05JA0 2 C	ST327Q05JA0 3 C
Bachelor's degree or equivalent	ST327Q06JA0 1 C	ST327Q06JA0 2 C	ST327Q06JA0 3 C
Master's degree or professional degree (e.g., law, medicine) or equivalent	ST327Q07JA0 1	ST327Q07JA0 2 C	ST327Q07JA0 3 C
Doctoral degree or equivalent	ST327Q08JA0 1 C	ST327Q08JA0 2 C	ST327Q08JA0 3 C

_	hat kind of job do you expect to have when you are about 30 years old?
(Ple	ease type in the job title or describe the kind of work you expect to do in that job.)
Г	
	ST329Q01JA01
L	
T329	

Have you done any of the following to find out about future study or types of work?

(Please select one response in each row.)

	Yes, once	Yes, two or more times	No
I did an internship.	ST330Q01WA	ST330Q01WA	ST330Q01WA
	01	02	03
	C	C	C
I attended a work-site visit.	ST330Q02WA	ST330Q02WA	ST330Q02WA
	01	02	03
I visited a job fair.	ST330Q03WA 01 C	ST330Q03WA 02 C	ST330Q03WA 03
I spoke to a career counselor at my school.	ST330Q04WA	ST330Q04WA	ST330Q04WA
	01	02	03
I spoke to a career counselor outside of my school.	ST330Q05WA	ST330Q05WA	ST330Q05WA
	01	02	03
I completed a questionnaire to find out about my interests and abilities.	ST330Q06WA	ST330Q06WA	ST330Q06WA
	01	02	03
I researched the Internet for information about careers.	ST330Q07WA	ST330Q07WA	ST330Q07WA
	01	02	03
I went on an organized tour of a college, university or technical college.	ST330Q08WA	ST330Q08WA	ST330Q08WA
	01	02	03
I searched the Internet for information about colleges, universities or technical colleges.	ST330Q09WA	ST330Q09WA	ST330Q09WA
	01	02	03
I researched information on student financing (e.g. student loans or grants).	ST330Q11WA 01 C	ST330Q11WA 02 C	ST330Q11WA 03

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I worry that I am not prepared for life after high school.	ST324Q02JA0 1 C	ST324Q02JA0 2 C	ST324Q02JA0 3 C	ST324Q02JA0 4 C
I feel well-informed about possible paths for me after high school.	ST324Q04JA0 1	ST324Q04JA0 2 C	ST324Q04JA0 3	ST324Q04JA0 4 C
I feel pressure from my family to follow a specific path (e.g. go to college, work in the family business, learn a trade) after high school.	ST324Q05JA0 1	ST324Q05JA0 2	ST324Q05JA0 3	ST324Q05JA0 4 C
I worry that I won't have enough money to do what I'd like to do after high school.	ST324Q07JA0 1	ST324Q07JA0 2 C	ST324Q07JA0 3 C	ST324Q07JA0 4 C
School has done little to prepare me for adult life when I leave school.	ST324Q10JA0 1	ST324Q10JA0 2 C	ST324Q10JA0 3	ST324Q10JA0 4 C
School has been a waste of time.	ST324Q11JA0 1	ST324Q11JA0 2	ST324Q11JA0 3	ST324Q11JA0 4
School has helped give me confidence to make decisions.	ST324Q12JA0 1	ST324Q12JA0 2	ST324Q12JA0 3	ST324Q12JA0 4 C
School has taught me things which could be useful in a job.	ST324Q13JA0 1	ST324Q13JA0 2	ST324Q13JA0 3	ST324Q13JA0 4
I feel well-prepared for my future path after high school.	ST324Q14JA0 1 C	ST324Q14JA0 2 C	ST324Q14JA0 3 C	ST324Q14JA0 4 C

In the last three years, was your school building ever closed for $\,\underline{\text{more than a week}}\,$ because of the following reasons?

Do <u>not</u> count the time that your school was scheduled to be closed for school holiday or vacations.

If you changed schools during the past three years, please count the time across all schools you attended.

If your school had to close and reopen multiple times, please count all closing times.

(Please select one response in each row.)

	No	Yes, up to 1 month	1 month and up	Yes, more than 3 months and up to 6 months	6 months and	Yes, more than 12 months
Because of COVID-19	ST347Q01JA01	ST347Q01JA02	ST347Q01JA03	ST347Q01JA04	ST347Q01JA05	ST347Q01JA06
For another reason (e.g. a natural disaster, strikes or demonstrations, air pollution)	ST347Q02JA01	ST347Q02JA02	ST347Q02JA03	ST347Q02JA04	ST347Q02JA05	ST347Q02JA06

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During the time when your school building was closed because of COVID-19, how often did someone from your school do the following things?

(Please select one response in each row.)

	Never	A few times	About once or twice a week	Every day or almost every day
Sent you learning materials to study on your own	ST348Q01JA01	ST348Q01JA02	ST348Q01JA03	ST348Q01JA04
Sent you assignments	ST348Q02JA01	ST348Q02JA02	ST348Q02JA03	ST348Q02JA04
Uploaded material on a learning management system or school learning platform (e.g. Edmodo®, Moodle®, Google® Classroom™, Canvas®)	ST348Q03JA01	ST348Q03JA02	ST348Q03JA03	ST348Q03JA04
Checked in with you to ensure that you were completing your assignments	ST348Q04JA01	ST348Q04JA02	ST348Q04JA03	ST348Q04JA04
Offered live virtual classes on a video communication program (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams)	ST348Q05JA01	ST348Q05JA02	ST348Q05JA03	ST348Q05JA04
Asked you to submit completed school assignments	ST348Q06JA01	ST348Q06JA02	ST348Q06JA03	ST348Q06JA04
Gave you helpful tips about how to study on your own	ST348Q07JA01	ST348Q07JA02	ST348Q07JA03	ST348Q07JA04
Checked in with you to ask how you were feeling	ST348Q08JA01	ST348Q08JA02	ST348Q08JA03	ST348Q08JA04

During the time when your school building was closed because of COVID-19, which of the following digital devices did you use most often for your school work?

(Please select one response.)

My own laptop, desktop computer, or tablet	ST349Q01JA01 C
My own smartphone	ST349Q01JA02 C
A digital device that was also used by other family members	ST349Q01JA03 C
A digital device that my school gave or lent to me	ST349Q01JA04 C
I did not have any digital device for my schoolwork.	ST349Q01JA05 C

During the time when your school building was closed because of COVID-19, how much did you learn each week compared to a typical week when you go to school in person?

(Please select one response.)

I learned less when my school building was closed.	ST350Q01JA01 C
I learned about as much when my school building was closed.	ST350Q01JA02
I learned more when my school building was closed.	ST350Q01JA03

During the time when your school building was closed because of COVID-19, how often did you use the following learning resources?

(Please select one response in each row.)

	Never	A few times	About once or twice a week	Every day or almost every day
Paper textbooks, workbooks, or worksheets	ST351Q01JA01	ST351Q01JA02	ST351Q01JA03	ST351Q01JA04
Digital textbooks, workbooks, or worksheets	ST351Q02JA01	ST351Q02JA02	ST351Q02JA03	ST351Q02JA04
Real time lessons by a teacher from my school on a video communication program (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams)	ST351Q03JA01	ST351Q03JA02	ST351Q03JA03	ST351Q03JA04
Real time lessons by a private tutor on a video communication program (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams)			ST351Q04JA03	ST351Q04JA04
Learning material my teachers sent via text message or WhatsApp™	ST351Q05JA01	ST351Q05JA02	ST351Q05JA03	ST351Q05JA04
Recorded lessons or other digital material provided by teachers from my school	ST351Q06JA01	ST351Q06JA02	ST351Q06JA03	ST351Q06JA04
Recorded lessons or other digital material from other sources (e.g. Khan Academy®, Coursera®)	ST351Q07JA01	ST351Q07JA02	ST351Q07JA03	ST351Q07JA04
Lessons broadcast over television or radio	ST351Q08JA01	ST351Q08JA02	ST351Q08JA03	ST351Q08JA04

During the time when your school building was closed because of COVID-19, how often did you have the following problems when completing your school work?

(Please select one response in each row.)

	Never	A few times	About once or twice a week	Every day or almost every day
Problems with access to a digital device when I needed it	ST352Q01JA01	ST352Q01JA02	ST352Q01JA03	ST352Q01JA04
Problems with Internet access	ST352Q02JA01			ST352Q02JA04
Problems with access to school supplies (e.g. paper, pencil)	ST352Q03JA01			ST352Q03JA04
Problems with finding a quiet place to study	ST352Q04JA01	ST352Q04JA02	ST352Q04JA03	ST352Q04JA04
Problems finding time to study because I had household responsibilities	ST352Q05JA01	ST352Q05JA02	ST352Q05JA03	ST352Q05JA04
Problems with motivating myself to do school work	ST352Q06JA01	ST352Q06JA02	ST352Q06JA03	ST352Q06JA04
Problems with understanding my school assignments	ST352Q07JA01	ST352Q07JA02	ST352Q07JA03	ST352Q07JA04
Problems with finding someone who could help me with my school work	ST352Q08JA01	ST352Q08JA02	ST352Q08JA03	ST352Q08JA04

During the time when your school building was closed because of COVID-19, how often did someone in your family do the following things with you?

(Please select one response in each row.)

	Never	A few times	About once or twice a week	Every day or almost every day
Help you with your school work	ST353Q01JA01	ST353Q01JA02	ST353Q01JA03	ST353Q01JA04
Ask you what you were learning	ST353Q02JA01	ST353Q02JA02	ST353Q02JA03	ST353Q02JA04
Help you create a learning schedule	ST353Q03JA01	ST353Q03JA02	ST353Q03JA03	ST353Q03JA04
Help you access learning materials online	ST353Q04JA01	ST353Q04JA02	ST353Q04JA03	ST353Q04JA04
Check whether you were completing your school assignments	ST353Q05JA01	ST353Q05JA02	ST353Q05JA03	ST353Q05JA04
Explain new content to you	ST353Q06JA01	ST353Q06JA02	ST353Q06JA03	ST353Q06JA04
Help you find additional learning resources	ST353Q07JA01	ST353Q07JA02	ST353Q07JA03	ST353Q07JA04
Teach you additional topics not part of your school assignments	ST353Q08JA01	ST353Q08JA02	ST353Q08JA03	ST353Q08JA04

To what extent do you agree or disagree with the following statements about the time when your school building was closed because of COVID-19?

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I felt lonely.	ST354Q01JA01	ST354Q01JA02	ST354Q01JA03	ST354Q01JA04
I enjoyed learning by myself.	ST354Q02JA01	ST354Q02JA02	ST354Q02JA03	ST354Q02JA04
My teachers were available when I needed help (e.g. through virtual office hours, email, chat).	ST354Q03JA01	ST354Q03JA02	ST354Q03JA03	ST354Q03JA04
I felt anxious about school work.	ST354Q04JA01	ST354Q04JA02	ST354Q04JA03	ST354Q04JA04
I was motivated to learn.	ST354Q05JA01	ST354Q05JA02	ST354Q05JA03	ST354Q05JA04
I fell behind in my school work.	ST354Q06JA01	ST354Q06JA02	ST354Q06JA03	ST354Q06JA04
I improved my skills in using digital devices for learning purposes.	ST354Q07JA01	ST354Q07JA02	ST354Q07JA03	ST354Q07JA04
My teachers were well prepared to provide instruction remotely.	ST354Q08JA01	ST354Q08JA02	ST354Q08JA03	ST354Q08JA04
I was well prepared to learn on my own.	ST354Q09JA01	ST354Q09JA02	ST354Q09JA03	ST354Q09JA04
I missed sports and other physical activities organized by my school.	ST354Q10JA01	ST354Q10JA02	ST354Q10JA03	ST354Q10JA04

How confident do you feel about doing the following things if your school building closes again in the future?

(Please select one response in each row.)

	Not at all confident	Not very confident	Confident	Very confident
Using a learning management system or school learning platform (e.g. Edmodo®, Moodle®, Google® Classroom™, Canvas®)	ST355Q01JA01	ST355Q01JA02	ST355Q01JA03	ST355Q01JA04
Using a video communication program (e.g. Zoom™, Skype™, Google® Meet™, Microsoft® Teams)	ST355Q02JA01	ST355Q02JA02	ST355Q02JA03	ST355Q02JA04
Finding learning resources online on my own	ST355Q03JA01	ST355Q03JA02	ST355Q03JA03	ST355Q03JA04
Planning when to do school work on my own	ST355Q04JA01	ST355Q04JA02	ST355Q04JA03	ST355Q04JA04
Motivating myself to do school work	ST355Q05JA01	ST355Q05JA02	ST355Q05JA03	ST355Q05JA04
Focusing on school work without reminders	ST355Q06JA01	ST355Q06JA02	ST355Q06JA03	ST355Q06JA04
Completing school work independently	ST355Q07JA01	ST355Q07JA02	ST355Q07JA03	ST355Q07JA04
Assessing my progress with learning	ST355Q08JA01	ST355Q08JA02	ST355Q08JA03	ST355Q08JA04

Overall, how prepared do you feel for learning on your own if your school building closed again for an extended period in the future?

(Please select one response.)

Not prepared at all	ST356Q01JA01 C
Not very prepared	ST356Q01JA02 C
Well prepared	ST356Q01JA03 C
Very well prepared	ST356Q01JA04

Imagine a 10-point scale that represents how much effort you invest in something.

The highest value (10) marks a situation where you tried your very best and put as much effort as possible to do well.

The lowest value (1) marks a situation where you did not try hard at all and put the lowest possible effort to do well.

Now think about the effort you put into completing the PISA test and questionnaire.

(Please select one response in each row.)

	1	2	3	4	5	6	7	8	9	10
How much effort did you put into doing well on the <u>PISA test</u> ?	ST331Q 01JA01	ST331Q 01JA02	ST331Q 01JA03	ST331Q 01JA04	ST331Q 01JA05	ST331Q 01JA06		ST331Q 01JA08	ST331Q 01JA09	ST331Q 01JA10
How much effort would you have invested if your results from the PISA test were going to be counted in your grades?	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q
	02JA01	02JA02	02JA03	02JA04	02JA05	02JA06	02JA07	02JA08	02JA09	02JA10
Now think about the <u>PISA questionnaire</u> you just answered. How much effort did you put into giving accurate answers?	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q	ST331Q
	03JA01	03JA02	03JA03	03JA04	03JA05	03JA06	03JA07	03JA08	03JA09	03JA10

Thank you very much for your cooperation in completing this questionnaire!	
STEnd01	

PISA 2022 Main Study Financial Literacy Questionnaire

In this questionnaire you are being asked questions about your experience with money matters in school and outside of school. When you answer the questions, please think about all of your experiences during the last 12 months (that is, since this time last year), even if you have changed school in this time. There are no 'right' or 'wrong' answers. Your answers should be the ones that are 'right' for you.

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

Your answers will be combined with answers from other students to calculate totals and averages. The National Center for Education Statistics (NCES) is authorized to conduct the Program for International Student Assessment (PISA) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), and to collect students' education records from educational agencies or institutions for the purpose of evaluating federally supported education programs under the Family Educational Rights and Privacy Act (FERPA, 34 CFR §§ 99.31(a)(3)(iii) and 99.35). The data are being collected for NCES by Westat, a U.S.-based research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). 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 up to 15 minutes per student, including the time to review instructions. If you have any comments or concerns regarding the accuracy of the time estimate(s), suggestions for improving the form, or questions about the status of your individual submission of this form, write directly to: The Program for International Student Assessment (PISA) 2022, National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th Street, SW, Room 4007, Washington, DC 20212.

FLIntro1

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

(Please select one response in each row.)

	Yes	No
At school, in a subject or class specifically about managing your money	FL150Q01TA01	FL150Q01TA02 C
At school as part of another subject or class	FL150Q02TA01	FL150Q02TA02
In an activity outside school	FL150Q03TA01	FL150Q03TA02

Thinking about school classes in the last 12 months, have you heard of, or learned about, the following terms?

You may have heard about these terms from someone else, such as your parents/guardians or friends, but please only think about what you have heard or learned in school.

(Please select one response in each row.)

	Never heard of it	Heard of it, but I don't recall the meaning	Learned about it, and I know what it means
Interest payment	FL164Q01HA01	FL164Q01HA02	FL164Q01HA03 C
Compound interest	FL164Q02HA01	FL164Q02HA02	FL164Q02HA03
Exchange rate	FL164Q03HA01	FL164Q03HA02	FL164Q03HA03
Depreciation	FL164Q04HA01	FL164Q04HA02	FL164Q04HA03
Shares/stocks	FL164Q05HA01	FL164Q05HA02	FL164Q05HA03
Return on investment	FL164Q06HA01	FL164Q06HA02	FL164Q06HA03
Dividend	FL164Q07HA01	FL164Q07HA02 C	FL164Q07HA03
Diversification	FL164Q08HA01	FL164Q08HA02	FL164Q08HA03
Debit card	FL164Q09HA01 C	FL164Q09HA02 C	FL164Q09HA03
Bank loan	FL164Q10HA01	FL164Q10HA02	FL164Q10HA03
Pension plan	FL164Q11HA01 C	FL164Q11HA02	FL164Q11HA03
Budget	FL164Q12HA01 C	FL164Q12HA02 C	FL164Q12HA03
Wage	FL164Q13HA01 C	FL164Q13HA02 C	FL164Q13HA03
Entrepreneur	FL164Q14HA01 C	FL164Q14HA02 C	FL164Q14HA03
Central bank	FL164Q15HA01 O	FL164Q15HA02	FL164Q15HA03 C
Income tax	FL164Q16HA01	FL164Q16HA02	FL164Q16HA03

How often have you encountered the following types of tasks or activities in a school class in the last 12 months?

(Please select one response in each row.)

	Never	Sometimes	Often
Describing the purpose and uses of money	FL166Q01HA01	FL166Q01HA02	FL166Q01HA03
Exploring the difference between spending money on needs and wants	FL166Q02HA01	FL166Q02HA02	FL166Q02HA03
Exploring ways of planning to pay an expense	FL166Q03HA01	FL166Q03HA02	FL166Q03HA03
Discussing the rights of consumers when dealing with financial institutions	FL166Q05HA01	FL166Q05HA02	FL166Q05HA03
Discussing the ways in which money invested in the stock market changes value over time	FL166Q06HA01	FL166Q06HA02	FL166Q06HA03
Analyzing advertisements to understand how they encourage people to buy things	FL166Q07HA01	FL166Q07HA02	FL166Q07HA03

The previous question asked about money-related tasks or activities that you may have encountered in a school lesson in the last 12 months. The next question is about when you encountered these topics.

Have you encountered these tasks during the following classes or activities?

(Please select one response in each row.)

	Yes	No	I don't know.	I haven't had this class in the last 12 months.
During your mathematics class	FL174Q01JA0 1	FL174Q01JA0 2 C	FL174Q01JA0 3 C	FL174Q01JA0 4 C
During classes about social sciences (e.g. history, economics)	FL174Q02JA0 1	FL174Q02JA0 2 C	FL174Q02JA0 3 C	FL174Q02JA0 4 C
During classes about citizenship (e.g., government, politics, civics)	FL174Q03JA0 1 C	FL174Q03JA0 2 C	FL174Q03JA0 3 C	FL174Q03JA0 4 C
During classes about accounting or business	FL174Q04JA0 1	FL174Q04JA0 2 C	FL174Q04JA0 3 C	FL174Q04JA0 4 C
During another class	FL174Q05JA0 1	FL174Q05JA0 2 C	FL174Q05JA0 3 C	FL174Q05JA0 4 C
During a one-off lesson or activity in school time from a guest instructor or speaker (not one of your teachers)	FL174Q06JA0 1	FL174Q06JA0 2 C	FL174Q06JA0 3	FL174Q06JA0 4 C
During an extra-curricular activity outside of school time	FL174Q07JA0 1 C	FL174Q07JA0 2 C	FL174Q07JA0 3 C	FL174Q07JA0 4 C

How often do you discuss the following matters with your parents (or guardians or relatives)?

(Please select one response in each row.)

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every day
Your spending decisions	FL167Q01HA01	FL167Q01HA02	FL167Q01HA03	FL167Q01HA04
Your savings decisions	FL167Q02HA01	FL167Q02HA02	FL167Q02HA03	FL167Q02HA04
How to use your allowance or pocket money	FL167Q06JA01	FL167Q06JA02	FL167Q06JA03	FL167Q06JA04
The family budget	FL167Q03HA01	FL167Q03HA02	FL167Q03HA03	FL167Q03HA04
Money for things you want to buy	FL167Q04HA01	FL167Q04HA02	FL167Q04HA03	FL167Q04HA04
News related to economics or finance	FL167Q05HA01	FL167Q05HA02	FL167Q05HA03	FL167Q05HA04
Shopping online	FL167Q07JA01	FL167Q07JA02	FL167Q07JA03	FL167Q07JA04

Thinking of the last 12 months, how often did you get money from any of these sources?

(Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
An allowance or pocket money for doing chores at home	FL170Q01JA0 1	FL170Q01JA0 2 C	FL170Q01JA0 3 C	FL170Q01JA0 4 C	FL170Q01JA0 5 C
An allowance or pocket money, without having to do any chores	FL170Q02JA0 1	FL170Q02JA0 2 C	FL170Q02JA0 3 C	FL170Q02JA0 4 C	FL170Q02JA0 5
Working a paid job outside school hours (e.g. a holiday job, part-time work)	FL170Q03JA0 1	FL170Q03JA0 2 C	FL170Q03JA0 3 C	FL170Q03JA0 4 C	FL170Q03JA0 5
Working in a family business	FL170Q04JA0 1	FL170Q04JA0 2 C	FL170Q04JA0 3 C	FL170Q04JA0 4 C	FL170Q04JA0 5
Occasional or informal jobs (e.g. baby-sitting or lawnmowing)	FL170Q05JA0 1	FL170Q05JA0 2 C	FL170Q05JA0 3 C	FL170Q05JA0 4 C	FL170Q05JA0 5
Gifts from friends or relatives	FL170Q06JA0 1	FL170Q06JA0 2 C	FL170Q06JA0 3 C	FL170Q06JA0 4 C	FL170Q06JA0 5
Selling things (e.g. at local markets, on eBay, or on Facebook Marketplace)	FL170Q07JA0 1	FL170Q07JA0 2	FL170Q07JA0 3	FL170Q07JA0 4	FL170Q07JA0 5

How much do you agree with the following statements about the way you handle your money?

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I can decide independently what to spend my money on.	FL159Q01HA01	FL159Q01HA02	FL159Q01HA03	FL159Q01HA04
I can spend small amounts of my money independently, but for larger amounts I need to ask my parents or guardians for permission.	FL159Q02HA01	FL159Q02HA02	FL159Q02HA03	FL159Q02HA04
I need to ask my parents or guardians for permission before I spend any money on my own.	FL159Q03HA01	FL159Q03HA02	FL159Q03HA03	FL159Q03HA04
I am responsible for my own money matters (e.g., for preventing theft).	FL159Q04HA01	FL159Q04HA02	FL159Q04HA03	FL159Q04HA04

When you think about buying a new product using your allowance, how often do you do any of the following?

(Please select one response in each row.)

	Never	Rarely	Sometimes	Always
Compare prices in different stores	FL160Q01HA01	FL160Q01HA02	FL160Q01HA03	FL160Q01HA04
Compare prices between a store and an online store	FL160Q02HA01	FL160Q02HA02	FL160Q02HA03	FL160Q02HA04
Buy the product without comparing prices	FL160Q03HA01	FL160Q03HA02	FL160Q03HA03	FL160Q03HA04
Wait until the price of the product gets cheaper before buying it	FL160Q04HA01	FL160Q04HA02	FL160Q04HA03	FL160Q04HA04

Do you have any of the following things?

(Please select one response in each row.)

	Yes	No	I don't know what it is
An account with a bank or credit union	FL161Q01HA01	FL161Q01HA02	FL161Q01HA03
A debit card	FL161Q02HA01	FL161Q02HA02	FL161Q02HA03
A mobile app to access your account	FL161Q03HA01	FL161Q03HA02	FL161Q03HA03

How confident would you feel about doing the following things?

(Please select one response in each row.)

	Not at all confident	Not very confident	Confident	Very confident
Making a money transfer (e.g., paying a bill)	FL162Q01HA01 C	FL162Q01HA02	FL162Q01HA03	FL162Q01HA04
Filling in forms at the bank	FL162Q02HA01	FL162Q02HA02	FL162Q02HA03	FL162Q02HA04
Understanding bank statements	FL162Q03HA01	FL162Q03HA02	FL162Q03HA03	FL162Q03HA04
Understanding a sales contract	FL162Q04HA01	FL162Q04HA02	FL162Q04HA03	FL162Q04HA04
Keeping track of my account balance	FL162Q05HA01	FL162Q05HA02	FL162Q05HA03	FL162Q05HA04
Planning my spending with consideration of my current financial situation	FL162Q06HA01	FL162Q06HA02	FL162Q06HA03	FL162Q06HA04

When using digital or electronic devices outside of the bank (e.g., at home or in stores), how confident would you feel about doing the following things?

(Please select one response in each row.)

	Not at all confident	Not very confident	Confident	Very confident
Transferring money	FL163Q01HA01	FL163Q01HA02	FL163Q01HA03	FL163Q01HA04
Keeping track of my balance	FL163Q02HA01	FL163Q02HA02	FL163Q02HA03	FL163Q02HA04
Paying with a debit card instead of using cash	FL163Q03HA01	FL163Q03HA02	FL163Q03HA03	FL163Q03HA04
Paying with a mobile device (e.g., cell phone or tablet) instead of using cash	FL163Q04HA01	FL163Q04HA02	FL163Q04HA03	FL163Q04HA04
Ensuring the safety of sensitive information when making an electronic payment or using online banking	FL163Q05HA01	FL163Q05HA02	FL163Q05HA03	FL163Q05HA04

In the last 12 months, how often have you done the following things?

(Please select one response in each row.)

	Never or	About once	About once	About once	Every day
	almost	or twice a	or twice a	or twice a	or almost
	never	year	month	week	every day
Checked that you were given the right change when you bought something with cash	FL171Q01JA0 1	FL171Q01JA0 2 C	FL171Q01JA0 3	FL171Q01JA0 4 C	FL171Q01JA0 5
Felt that you did not have enough money for something you wanted to buy	FL171Q02JA0	FL171Q02JA0	FL171Q02JA0	FL171Q02JA0	FL171Q02JA0
	1	2	3	4	5
Bought something online (alone or with a family member)	FL171Q03JA0	FL171Q03JA0	FL171Q03JA0	FL171Q03JA0	FL171Q03JA0
	1	2	3	4	5
	C	C	C	C	C
Made a payment using a smartphone (e.g. with a mobile payment app like Apple Pay or Google Pay)	FL171Q04JA0 1	FL171Q04JA0 2	FL171Q04JA0 3 C	FL171Q04JA0 4 C	FL171Q04JA0 5 C
Made a payment using a bank card (e.g. debit card)	FL171Q05JA0	FL171Q05JA0	FL171Q05JA0	FL171Q05JA0	FL171Q05JA0
	1	2	3	4	5
	C	C	C	C	C
Bought something that cost more money than you intended to spend	FL171Q07JA0	FL171Q07JA0	FL171Q07JA0	FL171Q07JA0	FL171Q07JA0
	1	2	3	4	5
	C	C	C	C	C
Checked how much money you have	FL171Q08JA0	FL171Q08JA0	FL171Q08JA0	FL171Q08JA0	FL171Q08JA0
	1	2	3	4	5
	C	C	C	C	C
Bought something because your friends have it	FL171Q09JA0	FL171Q09JA0	FL171Q09JA0	FL171Q09JA0	FL171Q09JA0
	1	2	3	4	5
	C	C	C	C	C
Sent money to other people with a smartphone (e.g. through Venmo)	FL171Q10JA0	FL171Q10JA0	FL171Q10JA0	FL171Q10JA0	FL171Q10JA0
	1	2	3	4	5
	C	C	C	C	C
Saved money in an account at a bank or credit union	FL171Q11JA0	FL171Q11JA0	FL171Q11JA0	FL171Q11JA0	FL171Q11JA0
	1	2	3	4	5
	C	C	C	C	C
Saved money at home	FL171Q12JA0	FL171Q12JA0	FL171Q12JA0	FL171Q12JA0	FL171Q12JA0
	1	2	3	4	5
	C	C	C	C	C

To what extent do you agree with the following statements?

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I enjoy talking about money matters.	FL169Q01HA01	FL169Q01HA02	FL169Q01HA03	FL169Q01HA04
I know how to manage my money.	FL169Q05JA01	FL169Q05JA02	FL169Q05JA03	FL169Q05JA04
Young people should make their own decisions about how to spend their money.	FL169Q02HA01	FL169Q02HA02	FL169Q02HA03	FL169Q02HA04
I buy things according to how I feel at the moment.	FL169Q06JA01	FL169Q06JA02	FL169Q06JA03	FL169Q06JA04
Saving is something I do only if I have money left over.	FL169Q07JA01	FL169Q07JA02	FL169Q07JA03	FL169Q07JA04
Money matters are not relevant for me right now.	FL169Q03HA01	FL169Q03HA02	FL169Q03HA03	FL169Q03HA04
I would like to run my own business in the future.	FL169Q04HA01	FL169Q04HA02	FL169Q04HA03	FL169Q04HA04
I am able to work effectively towards long-term goals.	FL169Q08JA01	FL169Q08JA02	FL169Q08JA03	FL169Q08JA04
I make savings goals for certain things I want to buy or to do.	FL169Q10JA01	FL169Q10JA02	FL169Q10JA03	FL169Q10JA04
It is easier to monitor my spending when I pay by cash than when I pay with a bank card.	FL169Q11JA01	FL169Q11JA02	FL169Q11JA03	FL169Q11JA04

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
My friends have a strong influence on my spending decisions.	FL172Q01JA0	FL172Q01JA0	FL172Q01JA0	FL172Q01JA0
	1	2	3	4
	C	C	C	C
I want to keep up with my friends' lifestyle.	FL172Q03JA0	FL172Q03JA0	FL172Q03JA0	FL172Q03JA0
	1	2	3	4
	C	C	C	C
Sometimes I spend more than I would like when I am with my friends.	FL172Q05JA0	FL172Q05JA0	FL172Q05JA0	FL172Q05JA0
	1	2	3	4
	C	C	C	C
I often buy what my friends recommend.	FL172Q06JA0	FL172Q06JA0	FL172Q06JA0	FL172Q06JA0
	1	2	3	4
	C	C	C	C

Thank you very much for your cooperation in completing this questionnaire!	
FLEnd01	

PISA 2022 Main Study ICT Questionnaire

The following questions will ask you about digital resources that you may use, both inside and outside of school. Digital resources refer here to:

- digital devices or "hardware" (e.g., computers, tablets, smartphones, 3D printers)
- software (e.g., programs, apps, communication tools, educational learning tools); and
- online resources (e.g., websites, web portals)

Please think of all these when answering the questions on the following screens.

Your answers will be combined with answers from other students to calculate totals and averages. The National Center for Education Statistics (NCES) is authorized to conduct the Program for International Student Assessment (PISA) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), and to collect students' education records from educational agencies or institutions for the purpose of evaluating federally supported education programs under the Family Educational Rights and Privacy Act (FERPA, 34 CFR §§ 99.31(a)(3)(iii) and 99.35). The data are being collected for NCES by Westat, a U.S.-based research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). 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 up to 15 minutes per student, including the time to review instructions. If you have any comments or concerns regarding the accuracy of the time estimate(s), suggestions for improving the form, or questions about the status of your individual submission of this form, write directly to: The Program for International Student Assessment (PISA) 2022, National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th Street, SW, Room 4007, Washington, DC 20212.OMB No. 1850-0755, Approval Expires 04/30/2024

CIntro1

This school year, how often did you use the following digital resources at school?

(Please select one response in each row.)

	Never or almost never	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day	This resource is not available to me at school
Desktop or laptop computer	IC170Q01JA0 1 C	IC170Q01JA0 2 C	IC170Q01JA0 3 C	IC170Q01JA0 4 C	IC170Q01JA0 5 C	IC170Q01JA0 6 C
Smartphone (i.e. cell phone with Internet access)	IC170Q02JA0 1	IC170Q02JA0 2 C	IC170Q02JA0 3 C	IC170Q02JA0 4 C	IC170Q02JA0 5	IC170Q02JA0 6 C
Tablet device (e.g. iPad, Galaxy Book, Surface) or e-book reader (e.g. Amazon Kindle)	IC170Q03JA0 1	IC170Q03JA0 2 C	IC170Q03JA0 3 C	IC170Q03JA0 4 C	IC170Q03JA0 5 C	IC170Q03JA0 6 C
Internet access (except on smartphones)	IC170Q04JA0 1	IC170Q04JA0 2 C	IC170Q04JA0 3	IC170Q04JA0 4 C	IC170Q04JA0 5 C	IC170Q04JA0 6 C
School portal (to consult class schedule, absences, etc.)	IC170Q05JA0 1	IC170Q05JA0 2 C	IC170Q05JA0 3 C	IC170Q05JA0 4 C	IC170Q05JA0 5 C	IC170Q05JA0 6 C
Educational software, games or apps, other learning tools (e.g. Khan Academy, CK-12, Mathalicious)	IC170Q06JA0 1	IC170Q06JA0 2	IC170Q06JA0 3	IC170Q06JA0 4	IC170Q06JA0 5	IC170Q06JA0 6
A learning management system or school learning platform (e.g. Edmodo, Moodle, Google Classroom, Canvas)	IC170Q07JA0 1 C	IC170Q07JA0 2 C	IC170Q07JA0 3 C	IC170Q07JA0 4 C	IC170Q07JA0 5	IC170Q07JA0 6 C

This school year, how often did you use the following digital resources <u>outside of school</u> (e.g., at home or where you usually access digital resources)?

(Please select one response in each row.)

	Never or almost never	About once or twice a month	About once or twice a week	Every day or almost every day	Several times a day	This resource is not available to me outside of school
Desktop or laptop computer	IC171Q01JA0 1 C	IC171Q01JA0 2 C	IC171Q01JA0 3 C	IC171Q01JA0 4 C	IC171Q01JA0 5 C	IC171Q01JA0 6 C
Smartphone (i.e. cell phone with Internet access)	IC171Q02JA0 1 C	IC171Q02JA0 2 C	IC171Q02JA0 3 C	IC171Q02JA0 4 C	IC171Q02JA0 5 C	IC171Q02JA0 6 C
Tablet device (e.g. iPad, Galaxy Book, Surface) or e-book reader (e.g. Amazon Kindle)	IC171Q03JA0 1	IC171Q03JA0 2	IC171Q03JA0 3	IC171Q03JA0 4	IC171Q03JA0 5	IC171Q03JA0 6 C
Internet access (except on smartphones)	IC171Q04JA0 1	IC171Q04JA0 2	IC171Q04JA0 3	IC171Q04JA0 4	IC171Q04JA0 5	IC171Q04JA0 6 C
Educational software, games or apps, other learning tools (e.g. Khan Academy, CK-12, or Mathalicious online support)	IC171Q05JA0 1	IC171Q05JA0 2 C	IC171Q05JA0 3 C	IC171Q05JA0 4 C	IC171Q05JA0 5	IC171Q05JA0 6 C
Video or online games (e.g. used with game consoles such as a PlayStation 4® or Nintendo Wii®, online gaming platforms such as Steam® or gaming apps such as Angry Birds®)	IC171Q06JA0 1	IC171Q06JA0 2 C	IC171Q06JA0 3	IC171Q06JA0 4 C	IC171Q06JA0 5	IC171Q06JA0 6

The following question is about the availability, accessibility and quality of digital resources at your school.

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

(Please think of different kinds of digital resources such as desktop computers, laptops, smartphones and tablet devices as well as educational software and other digital learning tools.)

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
There are enough digital resources for every student at my school.	IC172Q01JA0	IC172Q01JA0	IC172Q01JA0	IC172Q01JA0
	1	2	3	4
	C	C	C	C
There are enough digital devices with access to the Internet at my school.	IC172Q02JA0	IC172Q02JA0	IC172Q02JA0	IC172Q02JA0
	1	2	3	4
	C	C	C	C
The school's Internet speed is sufficient.	IC172Q03JA0	IC172Q03JA0	IC172Q03JA0	IC172Q03JA0
	1	2	3	4
	C	C	C	C
Digital devices function properly at my school.	IC172Q04JA0 1 C	IC172Q04JA0 2 C	IC172Q04JA0 3 C	IC172Q04JA0 4
Digital resources are easily accessible within the classroom.	IC172Q05JA0	IC172Q05JA0	IC172Q05JA0	IC172Q05JA0
	1	2	3	4
	C	C	C	C
Digital learning resources available at my school make learning interesting.	IC172Q06JA0 1 C	IC172Q06JA0 2 C	IC172Q06JA0 3 C	IC172Q06JA0 4
The school provides sufficient technical support to help students in their use of digital resources.	IC172Q07JA0	IC172Q07JA0	IC172Q07JA0	IC172Q07JA0
	1	2	3	4
	C	C	C	C
Teachers at my school have the necessary skills to use digital devices during instruction.	IC172Q08JA0	IC172Q08JA0	IC172Q08JA0	IC172Q08JA0
	1	2	3	4
Teachers at my school are willing to use digital resources for teaching.	IC172Q09JA0	IC172Q09JA0	IC172Q09JA0	IC172Q09JA0
	1	2	3	4

How often do you use digital resources in the following classroom lessons?

(Please select one response in each row.)

	Never or almost never	In less than half of the lessons	In about half of the lessons	In more than half of the lessons	In every or almost every lesson	I do not have this subject
English/Language Arts	IC173Q01JA0	IC173Q01JA0	IC173Q01JA0	IC173Q01JA0	IC173Q01JA0	IC173Q01JA0
	1	2	3	4	5	6
	C	C	C	C	C	C
Mathematics	IC173Q02JA0	IC173Q02JA0	IC173Q02JA0	IC173Q02JA0	IC173Q02JA0	IC173Q02JA0
	1	2	3	4	5	6
	C	C	C	C	C	C
Science	IC173Q03JA0	IC173Q03JA0	IC173Q03JA0	IC173Q03JA0	IC173Q03JA0	IC173Q03JA0
	1	2	3	4	5	6
	C	C	C	C	C	C
Computer science, information technology	IC173Q04JA0 1 C	IC173Q04JA0 2	IC173Q04JA0 3 C	IC173Q04JA0 4 C	IC173Q04JA0 5 C	IC173Q04JA0 6 C

The following statements are about the use of digital resources for school related activities in general (i.e. during lessons or when completing homework).

This school year, how often did you use digital resources to conduct the following activities?

(Please select one response in each row.)

	Never or	About once	About once	About once	Every day
	almost	or twice a	or twice a	or twice a	or almost
	never	year	month	week	every day
Create a multi-media presentation with pictures, sound or video	IC174Q01JA0 1	IC174Q01JA0 2 C	IC174Q01JA0 3 C	IC174Q01JA0 4 C	IC174Q01JA0 5 C
Write or edit text for a school assignment (e.g. using Google Docs, Microsoft Word)	IC174Q02JA0	IC174Q02JA0	IC174Q02JA0	IC174Q02JA0	IC174Q02JA0
	1	2	3	4	5
Find information online about real-world problems or phenomena (e.g. climate change, natural disasters, political elections).	IC174Q03JA0 1	IC174Q03JA0 2	IC174Q03JA0 3	IC174Q03JA0 4 C	IC174Q03JA0 5
Collect and record data (e.g. using data loggers, Microsoft® Access™, Google® Forms, spreadsheets)	IC174Q04JA0	IC174Q04JA0	IC174Q04JA0	IC174Q04JA0	IC174Q04JA0
	1	2	3	4	5
Analyze data that you have collected yourself (e.g. using Microsoft Excel)	IC174Q05JA0	IC174Q05JA0	IC174Q05JA0	IC174Q05JA0	IC174Q05JA0
	1	2	3	4	5
Report or share your results from your own experiments or investigations	IC174Q06JA0	IC174Q06JA0	IC174Q06JA0	IC174Q06JA0	IC174Q06JA0
	1	2	3	4	5
Plan and manage work or projects (e.g. dividing tasks, managing deadlines)	IC174Q07JA0	IC174Q07JA0	IC174Q07JA0	IC174Q07JA0	IC174Q07JA0
	1	2	3	4	5
Track the progress of your own work projects	IC174Q08JA0	IC174Q08JA0	IC174Q08JA0	IC174Q08JA0	IC174Q08JA0
	1	2	3	4	5
Collaborate with other students to create digital content (e.g. presentation, etc.)	IC174Q09JA0 1	IC174Q09JA0 2 C	IC174Q09JA0 3 C	IC174Q09JA0 4 C	IC174Q09JA0 5 C
Play digital learning games (e.g. Kahoot, Duolingo)	IC174Q10JA0 1 C	IC174Q10JA0 2 C	IC174Q10JA0 3 C	IC174Q10JA0 4 C	IC174Q10JA0 5

The following statements are about the use of digital resources for school related activities in general (i.e. during lessons or when completing homework).

This school year, how often did you use digital resources for the following activities?

(Please select one response in each row.)

	Never or	About once	About once	About once	Every day
	almost	or twice a	or twice a	or twice a	or almost
	never	year	month	week	every day
Read or listen to feedback sent by my teachers regarding my work and academic results	IC175Q01JA0	IC175Q01JA0	IC175Q01JA0	IC175Q01JA0	IC175Q01JA0
	1	2	3	4	5
	C	C	C	C	C
Read or listen to feedback sent by other students on my work	IC175Q02JA0 1 C	IC175Q02JA0 2 C	IC175Q02JA0 3 C	IC175Q02JA0 4 C	IC175Q02JA0 5
Read or listen to feedback automatically selected for me by an educational software or app	IC175Q03JA0	IC175Q03JA0	IC175Q03JA0	IC175Q03JA0	IC175Q03JA0
	1	2	3	4	5
	C	C	C	C	C
Work on drill and practice exercises using an educational software or app	IC175Q05JA0 1 C	IC175Q05JA0 2 C	IC175Q05JA0 3 C	IC175Q05JA0 4 C	IC175Q05JA0 5

The following statements are about the use of digital resources for school-related activities outside of classroom hours.

This school year, how often did you use digital resources for the following activities?

(Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day
See my grades or results from specific assignments (e.g. homework or tests)	IC176Q01JA0	IC176Q01JA0	IC176Q01JA0	IC176Q01JA0	IC176Q01JA0
	1	2	3	4	5
	C	C	C	C	C
Browse the Internet for schoolwork (e.g. for preparing an essay or presentation)	IC176Q02JA0 1 C	IC176Q02JA0 2 C	IC176Q02JA0 3 C	IC176Q02JA0 4 C	IC176Q02JA0 5
Browse the Internet to follow up on lessons (e.g. for finding explanations)	IC176Q03JA0 1 C	IC176Q03JA0 2 C	IC176Q03JA0 3 C	IC176Q03JA0 4 C	IC176Q03JA0 5
Receive or download assignments or instructions (via digital resources) from my teacher	IC176Q04JA0 1	IC176Q04JA0 2 C	IC176Q04JA0 3 C	IC176Q04JA0 4 C	IC176Q04JA0 5
Upload my work (e.g. documents or presentations) to a school portal or another platform to share materials with my teacher and/or students	IC176Q05JA0	IC176Q05JA0	IC176Q05JA0	IC176Q05JA0	IC176Q05JA0
	1	2	3	4	5
	C	C	C	C	C
Communicate with my teacher	IC176Q06JA0	IC176Q06JA0	IC176Q06JA0	IC176Q06JA0	IC176Q06JA0
	1	2	3	4	5
Communicate with other students about schoolwork	IC176Q07JA0	IC176Q07JA0	IC176Q07JA0	IC176Q07JA0	IC176Q07JA0
	1	2	3	4	5
	C	C	C	C	C
Search for information on school-related activities or assignments	IC176Q08JA0	IC176Q08JA0	IC176Q08JA0	IC176Q08JA0	IC176Q08JA0
	1	2	3	4	5

How often do you use digital resources (e.g., computer, tablet, software programs, websites) for the following in your mathematics lessons or when completing homework?

(Please select one response in each row.)

	Never or almost never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	Does not apply
I use digital resources for simple calculations.	IC184Q01JA0 1 C	IC184Q01JA0 2 C	IC184Q01JA0 3 C	IC184Q01JA0 4 C	IC184Q01JA0 5 C	IC184Q01JA0 6 C
I use digital resources to solve equations.	IC184Q02JA0 1	IC184Q02JA0 2 C	IC184Q02JA0 3 C	IC184Q02JA0 4 C	IC184Q02JA0 5 C	IC184Q02JA0 6
I use digital resources for simulations and modeling, or virtual laboratories.	IC184Q03JA0 1	IC184Q03JA0 2 C	IC184Q03JA0 3 C	IC184Q03JA0 4 C	IC184Q03JA0 5 C	IC184Q03JA0 6 C
I use digital resources for coding or algorithm activities.	IC184Q04JA0 1 C	IC184Q04JA0 2 C	IC184Q04JA0 3 C	IC184Q04JA0 4 C	IC184Q04JA0 5 C	IC184Q04JA0 6 C

During a typical week day, how much time do you spend doing the following leisure activities?

(Please select one response in each row.)

	No time at all	Less than 1 hour a day	Between 1 and 3 hours a day	More than 3 hours and up to 5 hours a day	More than 5 hours and up to 7 hours a day	More than 7 hours a day
Play video-games (using my smartphone, a gaming console or an online platform or apps)	IC177Q01JA0 1 C	IC177Q01JA0 2 C	IC177Q01JA0 3 C	IC177Q01JA0 4 C	IC177Q01JA0 5 C	IC177Q01JA0 6 C
Browse social networks (e.g. Instagram, Facebook)	IC177Q02JA0 1 C	IC177Q02JA0 2 C	IC177Q02JA0 3 C	IC177Q02JA0 4 C	IC177Q02JA0 5 C	IC177Q02JA0 6 C
Browse the Internet (excluding social networks) for fun (e.g. reading news, listening to podcasts and music or watching videos)	IC177Q03JA0 1 C	IC177Q03JA0 2 C	IC177Q03JA0 3 C	IC177Q03JA0 4 C	IC177Q03JA0 5 C	IC177Q03JA0 6 C
Look for practical information online (e.g. find a place, book a train ticket, buy a product)	IC177Q04JA0 1 C	IC177Q04JA0 2 C	IC177Q04JA0 3 C	IC177Q04JA0 4 C	IC177Q04JA0 5	IC177Q04JA0 6 C
Communicate and share digital content on social networks or any communication platform (e.g. Facebook, Instagram, Twitter, emails, chat)	IC177Q05JA0 1	IC177Q05JA0 2 C	IC177Q05JA0 3	IC177Q05JA0 4 C	IC177Q05JA0 5 C	IC177Q05JA0 6 C
Read, listen to or view informational materials to learn how to do something (e.g. tutorial, podcast)	IC177Q06JA0 1	IC177Q06JA0 2 C	IC177Q06JA0 3	IC177Q06JA0 4 C	IC177Q06JA0 5	IC177Q06JA0 6
Create or edit my own digital content (pictures, videos, music, computer programs)	IC177Q07JA0 1 C	IC177Q07JA0 2 C	IC177Q07JA0 3 C	IC177Q07JA0 4 C	IC177Q07JA0 5	IC177Q07JA0 6 C

During a *typical* weekend day, how much time do you spend doing the following leisure activities?

(Please select one response in each row.)

	No time at all	Less than 1 hour a day	Between 1 and 3 hours a day	More than 3 hours and up to 5 hours a day	More than 5 hours and up to 7 hours a day	More than 7 hours a day
Play video-games (using my smartphone, a gaming console or an online platform or apps)	IC178Q01JA0 1 C	IC178Q01JA0 2 C	IC178Q01JA0 3 C	IC178Q01JA0 4 C	IC178Q01JA0 5 C	IC178Q01JA0 6 C
Browse social networks (e.g. Instagram, Facebook)	IC178Q02JA0 1 C	IC178Q02JA0 2 C	IC178Q02JA0 3 C	IC178Q02JA0 4 C	IC178Q02JA0 5 C	IC178Q02JA0 6 C
Browse the Internet (excluding social networks) for fun (e.g. reading news, listening to podcasts and music or watching videos)	IC178Q03JA0 1 C	IC178Q03JA0 2 C	IC178Q03JA0 3 C	IC178Q03JA0 4 C	IC178Q03JA0 5 C	IC178Q03JA0 6 C
Look for practical information online (e.g. find a place, book a train ticket, buy a product)	IC178Q04JA0 1	IC178Q04JA0 2 C	IC178Q04JA0 3	IC178Q04JA0 4 C	IC178Q04JA0 5	IC178Q04JA0 6 C
Communicate and share digital content on social networks or any communication platform (e.g. Facebook, Instagram, Twitter, emails chat)	IC178Q05JA0 1	IC178Q05JA0 2 C	IC178Q05JA0 3 C	IC178Q05JA0 4 C	IC178Q05JA0 5 C	IC178Q05JA0 6 C
Read, listen to or view informational materials to learn how to do something (e.g. tutorial, podcast)	IC178Q06JA0 1	IC178Q06JA0 2 C	IC178Q06JA0 3 C	IC178Q06JA0 4 C	IC178Q06JA0 5 C	IC178Q06JA0 6 C
Create or edit my own digital content (pictures, videos, music, computer programs)	IC178Q07JA0 1 C	IC178Q07JA0 2 C	IC178Q07JA0 3 C	IC178Q07JA0 4 C	IC178Q07JA0 5	IC178Q07JA0 6 C

The following statements are about your views on school rules regarding digital resources

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
Students should not be allowed to bring cell phones to class.	IC179Q01JA0	IC179Q01JA0	IC179Q01JA0	IC179Q01JA0
	1	2	3	4
	C	C	C	C
Students should not be allowed to bring their own laptop (or tablet device) to class.	IC179Q02JA0	IC179Q02JA0	IC179Q02JA0	IC179Q02JA0
	1	2	3	4
	C	C	C	C
Students should collaborate with teachers to decide on the rules regarding the use of digital devices during lessons.	IC179Q03JA0	IC179Q03JA0	IC179Q03JA0	IC179Q03JA0
	1	2	3	4
	C	C	C	C
The school should set up filters to prevent students from going on social media.	IC179Q04JA0	IC179Q04JA0	IC179Q04JA0	IC179Q04JA0
	1	2	3	4
	C	C	C	C
The school should set up filters to prevent students from playing games online.	IC179Q05JA0 1	IC179Q05JA0 2 C	IC179Q05JA0 3 C	IC179Q05JA0 4 C
Teachers should monitor what students do on their laptops.	IC179Q06JA0 1	IC179Q06JA0 2	IC179Q06JA0 3	IC179Q06JA0 4 C

The next statements are about the quality, credibility and accuracy of information online.

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I trust what I read online.	IC180Q01JA0 1 C	IC180Q01JA0 2 C	IC180Q01JA0 3 C	IC180Q01JA0 4 C
When searching for information online I compare different sources.	IC180Q02JA0 1	IC180Q02JA0 2 C	IC180Q02JA0 3 C	IC180Q02JA0 4 C
I check the accuracy of online information before sharing it on social networks.	IC180Q03JA0 1	IC180Q03JA0 2 C	IC180Q03JA0 3 C	IC180Q03JA0 4 C
I discuss the accuracy of online information with my teachers or in class.	IC180Q04JA0 1	IC180Q04JA0 2 C	IC180Q04JA0 3 C	IC180Q04JA0 4 C
I discuss the accuracy of online information with friends or other students.	IC180Q05JA0 1	IC180Q05JA0 2 C	IC180Q05JA0 3 C	IC180Q05JA0 4 C
I discuss the accuracy of online information with my parents (or family).	IC180Q06JA0 1	IC180Q06JA0 2 C	IC180Q06JA0 3 C	IC180Q06JA0 4 C
I try to flag wrong information when I encounter it online.	IC180Q07JA0 1 C	IC180Q07JA0 2 C	IC180Q07JA0 3 C	IC180Q07JA0 4 C
I share made-up information on social networks without flagging its inaccuracy.	IC180Q08JA0 1 C	IC180Q08JA0 2 C	IC180Q08JA0 3 C	IC180Q08JA0 4 C

The following question is about your experience when browsing online content or using social media.

How upset were you the last time the following situations occurred?

(Please select one response in each row.)

	This did not happen to me	Not at all upset	A little upset	Quite upset	Very upset
Encountering content online that was inappropriate for my age	IC181Q01JA0 1 C	IC181Q01JA0 2 C	IC181Q01JA0 3 C	IC181Q01JA0 4 C	IC181Q01JA0 5 C
Encountering discriminatory content online (e.g. about race, gender, sexual orientation or physical appearance)	IC181Q02JA0 1	IC181Q02JA0 2 C	IC181Q02JA0 3 C	IC181Q02JA0 4 C	IC181Q02JA0 5
Receiving unkind, vulgar or offending messages, comments or videos	IC181Q03JA0 1	IC181Q03JA0 2 C	IC181Q03JA0 3 C	IC181Q03JA0 4 C	IC181Q03JA0 5 C
Information about me was publicly displayed online without my consent	IC181Q04JA0 1	IC181Q04JA0 2 C	IC181Q04JA0 3 C	IC181Q04JA0 4 C	IC181Q04JA0 5

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

(Please select one response in each row.)

	Strongly disagree	Disagree	Agree	Strongly agree
I am interested in learning more about digital resources.	IC182Q01JA0	IC182Q01JA0	IC182Q01JA0	IC182Q01JA0
	1	2	3	4
	C	C	C	C
I am interested in learning computer programming.	IC182Q02JA0	IC182Q02JA0	IC182Q02JA0	IC182Q02JA0
	1	2	3	4
	C	C	C	C
I am interested in learning digital resources because it could be useful in a job.	IC182Q03JA0 1	IC182Q03JA0 2 C	IC182Q03JA0 3 C	IC182Q03JA0 4 C

To what extent are you able to do the following tasks when using digital resources?

(Please select one response in each row.)

	I cannot do this	I struggle to do this	I can do with a bit	I can easily do	I don't know wha
Search for and find relevant information online	IC183Q01JA0 1 C	IC183Q01JA0	of effort IC183Q01JA0 3 C	this IC183Q01JA0 4 C	this is IC183Q01JA
Assess the quality of information you found online	IC183Q02JA0 1	IC183Q02JA0 2	IC183Q02JA0 3	IC183Q02JA0 4 C	IC183Q02JA
Share practical information with a group of students	IC183Q03JA0 1	IC183Q03JA0 2 C	IC183Q03JA0 3 C	IC183Q03JA0 4 C	IC183Q03JA 5
Collaborate with other students on a group assignment	IC183Q04JA0 1	IC183Q04JA0 2 C	IC183Q04JA0 3 C	IC183Q04JA0 4 C	IC183Q04JA 5
Explain to other students how to share digital content online or on a school platform	IC183Q05JA0 1	IC183Q05JA0 2	IC183Q05JA0 3	IC183Q05JA0 4	IC183Q05JA 5
Write or edit text for a school assignment	IC183Q07JA0	IC183Q07JA0 2	IC183Q07JA0 3	IC183Q07JA0 4	IC183Q07JA 5
Collect and record data (e.g. using data loggers, Microsoft Access, Google® Forms, spreadsheets)	IC183Q08JA0 1	IC183Q08JA0 2 C	IC183Q08JA0 3 C	IC183Q08JA0 4 C	IC183Q08JA 5
Create a multi-media presentation (with sound, pictures, or video)	IC183Q09JA0 1	IC183Q09JA0 2	IC183Q09JA0 3	IC183Q09JA0 4 C	IC183Q09JA 5
Create, update and maintain a webpage or a blog	IC183Q10JA0 1	IC183Q10JA0 2 C	IC183Q10JA0 3 C	IC183Q10JA0 4 C	IC183Q10JA 5
Change the settings of a device or app in order to protect my data and privacy	IC183Q12JA0 1	IC183Q12JA0 2	IC183Q12JA0 3	IC183Q12JA0 4	IC183Q12JA 5
Select the most efficient program or app that allows me to carry out a specific task	IC183Q13JA0 1	IC183Q13JA0 2 C	IC183Q13JA0 3 C	IC183Q13JA0 4 C	IC183Q13JA 5
Create a computer program (e.g., in Python, Java, Scratch)	IC183Q14JA0 1 C	IC183Q14JA0 2 C	IC183Q14JA0 3 C	IC183Q14JA0 4 C	IC183Q14JA
Identify the source of an error in a software after considering a list of potential causes	IC183Q15JA0 1	IC183Q15JA0 2	IC183Q15JA0 3	IC183Q15JA0 4	IC183Q15JA
Break down a problem and represent a solution as a series of logical steps, such as an algorithm	IC183Q16JA0 1	IC183Q16JA0 2	IC183Q16JA0 3	IC183Q16JA0 4	IC183Q16JA

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