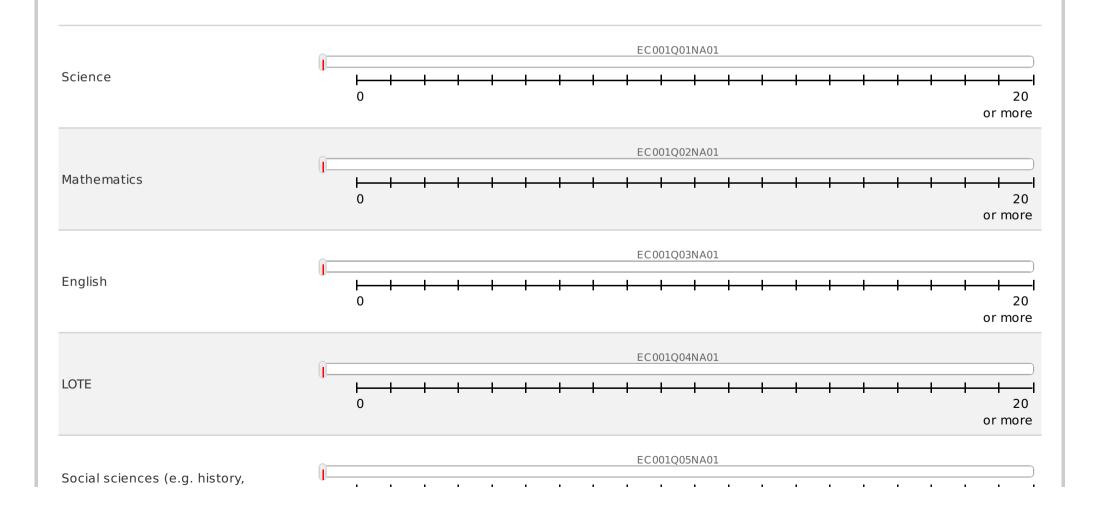
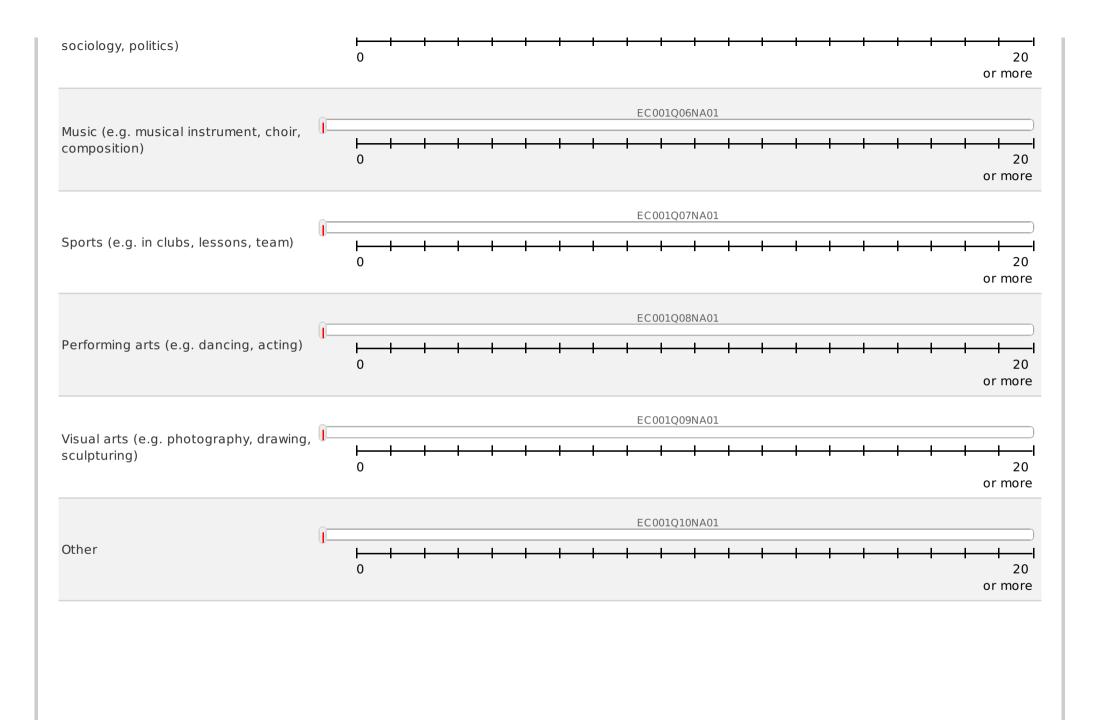
The following questions ask about any additional instruction in school subjects and other domains that you attend in this school year. This instruction might take place at school or somewhere else, but is not part of your mandatory school schedule. Please consider all regularly attended, institutionalised, organised additional learning activities in which you receive some kind of instruction, guidance, or support (e.g. Homework Club).

In this school year, approximately how many hours per week do you attend additional instruction in the following subjects, not including compulsory school lessons?

(An hour here refers to 60 minutes, not to a class period.)

(For each subject, please move the slider to the number of hours you attend. Move it to "0" (zero) if you don't attend any additional instruction.)





Branching rule

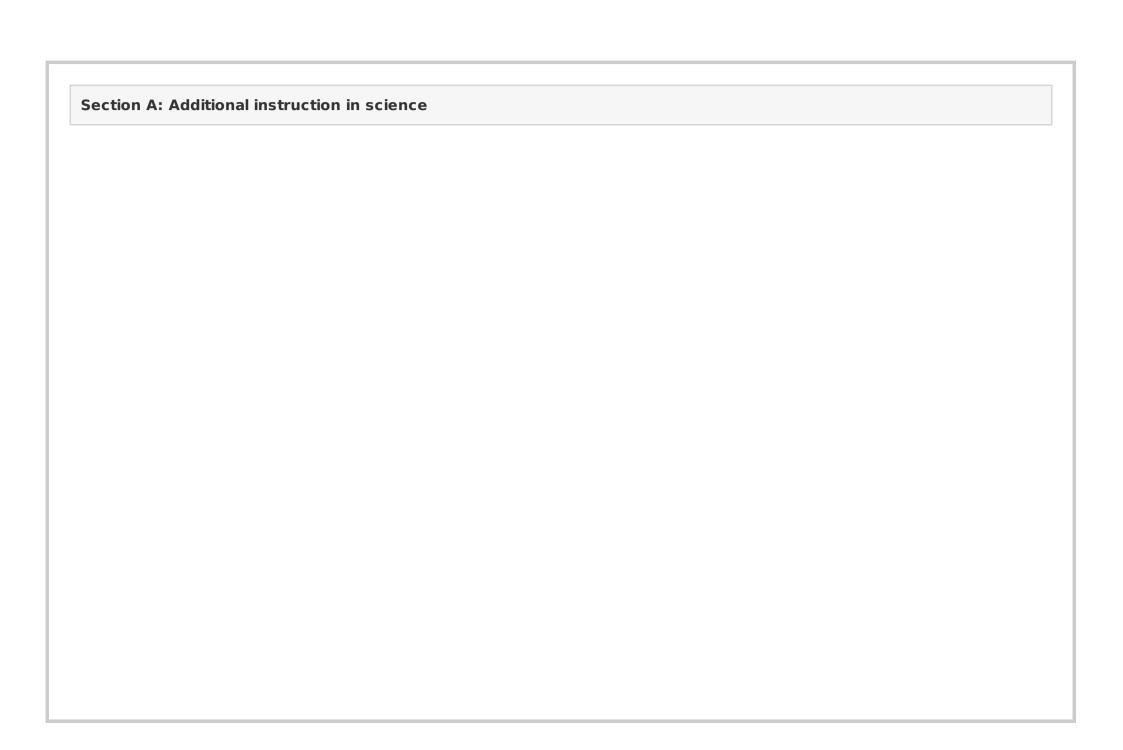
Rule: IF (^EC001Q01NA01 > 0 OR ^EC001Q02NA01 > 0 OR ^EC001Q03NA01 > 0 OR ^EC001Q04NA01 > 0 OR ^EC001Q05NA01 > 0 OR ^EC001Q06NA01 > 0 OR ^EC001Q07NA01 > 0 OR ^EC001Q08NA01 > 0 OR ^EC001Q09NA01 > 0 OR ^EC001Q10NA01 > 0) THEN GOTO ^EC002 ELSE GOTO ^EC002R01

Do you attend more or less hours of additional instruction	n per week during	, holidays or (during test pre	paration times
(e.g. prior to final exams)?				

	More lessons	About the same	Fewer lessons
During test preparation	EC002Q01NA01	EC002Q01NA02	EC002Q01NA03
During holidays	EC002Q02NA01	EC002Q02NA02	EC002Q02NA03

Branching rule

Rule: IF (^EC001Q01NA01 > 0) THEN GOTO ^ECInfo1 ELSE GOTO ^EC013



Please select all that apply.)				
Physics	EC003Q01NA01			
Chemistry	EC003Q02NA01			
Biology	EC003Q03NA01			
Earth and space/astronomy	EC003Q04NA01			
Applied science and technology	EC003Q05NA01			
General or integrated science	EC003Q06NA01			

Which of the following does this additional science instruction cover?					
(Please select one response in each row.)					
	Yes	No			
Content covered in regular school courses	EC004Q01NA01	EC004Q01NA02			
New or additional content <u>not</u> covered in regular school courses	EC004Q02NA01	EC 004Q02NA02			

Which type of additional science instruction do you participate in during this school year?					
(Please select all that apply.)					
One-on-one tutoring with a person	EC005Q01NA01				
Internet tutoring with a person (including e.g. Skype™)	EC005Q02NA01				
Internet or computer tutoring with a program or application	EC005Q03NA01				
Live instruction by a person	EC005Q04NA01				
Video-recorded instruction by a person	EC005Q05NA01				
Small group study or practice (2 to 7 students)	EC005Q06NA01				
Large group study or practice (8 or more students)	EC005Q07NA01				
Other additional science instruction	EC005Q08NA01				

How is this additional science instruction paid for?		
Please select all that apply.)		
State education authority or government pays for or provides it.	EC006Q01NA01	
My school pays for or provides it.	EC006Q02NA01	
My family pays for it.	EC006Q03NA01	
pay for it.	EC006Q04NA01	
Other people or organisations pay for it (e.g. foundations, friends).	EC006Q05NA01	
Nobody pays for it.	EC006Q06NA01	

Please select all that apply.)					
ease select all triat apply.)					
my regular school building	EC007Q01NA01				
some other place, i.e., not in my regular school ilding	EC007Q02NA01				

(Please select all that apply.)			
e teacher is one of my regular teachers in this year's school urses.	EC008Q01NA01		
e teacher regularly teaches students my age in school but is not my acher in any of my regular courses.	EC008Q02NA01		
e teacher mainly works for a business or organisation specialised in ditional instruction.	EC008Q03NA01		
e teacher is not specialised teaching personnel (e.g. a student).	EC008Q04NA01		

Compare your science lessons at school and your additional science instruction. Where are the following teacher characteristics more likely to occur?

(If you have more than one science teacher in school, please keep one and the same science teacher in mind for all comparisons.)

	More likely in my regular school lessons	No difference	More likely in my additional instruction
My teacher helps me to learn.	EC009Q01NA01	EC009Q01NA02	EC009Q01NA03
My teacher explains things until I understand the matter.	EC009Q02NA01	EC009Q02NA02	EC009Q02NA03
My teacher does a lot to help me.	EC009Q03NA01	EC 009Q03NA02	EC009Q03NA03
My teacher asks me how I solve problems.	EC009Q04NA01	EC 009Q04NA02	EC009Q04NA03
My teacher discusses with me why I make certain mistakes.	EC009Q05NA01	EC009Q05NA02	EC009Q05NA03
My teacher gives me tasks that make me consider new ideas or solutions.	EC009Q06NA01	EC009Q06NA02	EC009Q06NA03
My teacher is pleased when I come up with new solutions to a problem.	EC009Q07NA01	EC009Q07NA02	EC009Q07NA03
My teacher wants me to work hard even if my work is not always completely correct.	EC009Q08NA01	EC009Q08NA02	EC009Q08NA03

I think my teacher knows why I struggle with certain tasks.	EC009Q09NA01	EC009Q09NA02	EC009Q09NA03
My teacher gives hints or offers strategies that help me to solve a task.	EC009Q10NA01	EC009Q10NA02	EC009Q10NA03
The help that my teacher provides is adapted to my problems.	EC009Q11NA01	EC009Q11NA02	EC009Q11NA03
My teacher helps me to find ways to solve a problem.	EC009Q12NA01 O	EC009Q12NA02	EC009Q12NA03
Once we identify why I have a certain problem, my teacher provides me with a working strategy.	EC009Q13NA01	EC009Q13NA02	EC009Q13NA03
My teacher adapts the content and method to my needs.	EC009Q14NA01	EC009Q14NA02	EC009Q14NA03
My teacher changes the content or the difficulty when I have problems.	EC009Q15NA01	EC009Q15NA02	EC009Q15NA03

Compare science lessons in your regular school and your additional science instruction. Where are the following situations more likely to occur?

(If you have more than one science teacher in school, please keep one and the same science teacher in mind for all comparisons.)

	More likely in my regular school lessons	No difference	More likely in my additional instruction
I am focused throughout the session.	EC010Q01NA01	EC010Q01NA02	EC010Q01NA03
I start to work on learning content right away.	EC010Q02NA01	EC010Q02NA02	EC010Q02NA03
At the beginning, my teacher tells me what I will work on.	EC010Q03NA01	EC010Q03NA02	EC010Q03NA03
It takes a long time until I have gathered all the material to get started.	EC010Q04NA01	EC010Q04NA02	EC010Q04NA03
My teacher regularly explains how the lesson is related to other topics and courses.	EC010Q05NA01	EC010Q05NA02	EC010Q05NA03
I talk about things that don't have anything to do with our tasks and the topic.	EC010Q06NA01	EC010Q06NA02	EC010Q06NA03
At the end of a lesson, my teacher summarises the learning content I have covered.	EC010Q07NA01	EC010Q07NA02	EC010Q07NA03
My teacher points out the most important aspects of a topic.	EC010Q08NA01	EC010Q08NA02	EC010Q08NA03

I am often bored.	EC010Q09NA01	EC010Q09NA02	EC010Q09NA03
It takes a very long time until I am ready to get started.	EC010Q10NA01	EC010Q10NA02	EC010Q10NA03
My teacher tells me what I should learn in a certain activity.	EC010Q11NA01	EC010Q11NA02	EC010Q11NA03
My teacher points out the broader context of a learning unit.	EC010Q12NA01	EC010Q12NA02	EC010Q12NA03

Compare science lessons in your school and your additional science instruction. Where are the following teacher-student interactions more likely to occur?

(If you have more than one science teacher in school, please keep one and the same science teacher in mind for all comparisons.)

	Better in my regular school lessons	No difference	Better in my additional instruction
I get along well with my teacher.	EC011Q01NA01	EC011Q01NA02	EC011Q01NA03
My teacher is interested in my well-being.	EC011Q02NA01	EC011Q02NA02 O	EC011Q02NA03
My teacher really listens to what I have to say.	EC011Q03NA01	EC011Q03NA02	EC011Q03NA03
If I need extra help, I will receive it from my teacher.	EC011Q04NA01	EC011Q04NA02	EC011Q04NA03
My teacher treats me fairly.	EC011Q05NA01	EC011Q05NA02	EC011Q05NA03

Why do you attend additional science instruction	in this school year?
Why do you attend additional science instruction	in this school year?
(Please select all that apply.)	
I want to learn more.	EC012Q01NA01
I want to prepare for exams.	EC012Q02NA01
I was attracted by the tutoring advertisement.	EC012Q03NA01
My parents wanted me to attend.	EC012Q04NA01
Many of my friends are doing it.	EC012Q05NA01
My teachers recommend it.	EC012Q06NA01
I want to improve my grades.	EC012Q07NA01
I need to improve my grades.	EC012Q08NA01
It is gratifying to study.	EC012Q09NA01
It looks good on a wisymi	EC012Q10NA01

It looks good on a resume.	
It is necessary for a job.	EC012Q11NA01
Other reason.	EC012Q12NA01

Branching rule IF (^EC001Q01NA01> 0) THEN GOTO ^EC013R01 ELSE GOTO ^EC013 Rule:

Why don't you attend additional science instruction in the	his school year?
(Please select all that apply.)	
I don't need any additional science instruction.	EC013Q01NA01
None of the available offerings seem to suit my needs.	EC013Q02NA01
Not many of my friends are doing it.	EC013Q03NA01
I don't have time.	EC013Q04NA01
I don't have the money.	EC013Q05NA01
My school teachers are knowledgeable enough.	EC013Q06NA01
My parents don't want me to do it.	EC013Q07NA01
It doesn't seem worth the money.	EC013Q08NA01
My teachers say it is not useful.	EC013Q09NA01
I have never considered taking additional science	EC013Q10NA01

instruction.	
Additional science instruction is not available where I live.	EC013Q11NA01
My family helps me instead.	EC013Q12NA01
My peers and friends help me instead.	EC013Q13NA01

Branching rule

Rule: IF (^EC001Q02NA01 > 0) THEN GOTO ^ECInfo2 ELSE GOTO ^EC023

ction B: Additional inst	ruction in mathema	tics		

Which of the following does this additional mathematics instruction cover?						
(Please select one response in each row.)						
Yes	No					
EC014Q01NA01	EC014Q01NA02					
EC014Q02NA01	EC014Q02NA02					
	Yes EC014Q01NA01					

Which type of additional mathematics instruction do you participate in during	g this school year?
(Please select all that apply.)	
One-on-one tutoring with a person	EC015Q01NA01
Internet tutoring with a person (including e.g. $Skype^{TM}$)	EC015Q02NA01
Internet or computer tutoring with a program or application	EC015Q03NA01
Live instruction by a person	EC015Q04NA01
Video-recorded instruction by a person	EC015Q05NA01
Small group study or practice (2 to 7 students)	EC015Q06NA01
Large group study or practice (8 or more students)	EC015Q07NA01
Other additional mathematics instruction	EC015Q08NA01

Please select all that apply.)		
State education authority or government pays for or provides it.	EC016Q01NA01	
My school pays for or provides it.	EC016Q02NA01	
My family pays for it.	EC016Q03NA01	
pay for it.	EC016Q04NA01	
Other people or organisations pay for it (e.g. foundations, friends).	EC016Q05NA01	
Nobody pays for it.	EC016Q06NA01	

lease select all that apply.)		
my regular school building	EC017Q01NA01	
some other place, i.e., not in my regular school uilding	EC017Q02NA01	

Which of the following best describes your teacher or instructor in your additional mathematics instruction?		
'Please select all that apply.)		
The teacher is one of my regular teachers in this year's school courses.	EC018Q01NA01	
The teacher regularly teaches students my age in school but is not my teacher in any of my regular school courses.	EC018Q02NA01	
The teacher mainly works for a business or organisation specialised in additional instruction.	EC018Q03NA01	
The teacher is not specialised teaching personnel (e.g. a student).	EC018Q04NA01	

Compare your mathematics lessons at school and your additional mathematics instruction. Where are the following teacher characteristics more likely to occur?

(If you have more than one mathematics teacher in school, please keep one and the same mathematics teacher in mind for all comparisons.)

	More likely in my regular school lessons	No difference	More likely in my additional instruction
My teacher helps me to learn.	EC019Q01NA01	EC019Q01NA02 O	EC019Q01NA03
My teacher explains things until I understand the matter.	EC019Q02NA01	EC019Q02NA02	EC019Q02NA03
My teacher does a lot to help me.	EC019Q03NA01	EC019Q03NA02	EC019Q03NA03
My teacher asks me how I solve problems.	EC019Q04NA01	EC019Q04NA02 O	EC019Q04NA03
My teacher discusses with me why I make certain mistakes.	EC019Q05NA01	EC019Q05NA02	EC019Q05NA03
My teacher gives me tasks that make me consider new ideas or solutions.	EC019Q06NA01	EC019Q06NA02	EC019Q06NA03
My teacher is pleased when I come up with new solutions to a problem.	EC019Q07NA01	EC019Q07NA02	EC019Q07NA03
My teacher wants me to work hard even if my work is not always completely correct.	EC019Q08NA01	EC019Q08NA02	EC019Q08NA03

I think my teacher knows why I struggle with certain tasks.	EC019Q09NA01	EC019Q09NA02	EC019Q09NA03
My teacher gives hints or offers strategies that help me to solve a task.	EC019Q10NA01	EC019Q10NA02	EC019Q10NA03
The help that my teacher provides is adapted to my problems.	EC019Q11NA01	EC019Q11NA02 O	EC019Q11NA03
My teacher helps me to find ways to solve a problem.	EC019Q12NA01	EC019Q12NA02 O	EC019Q12NA03
Once we identify why I have a certain problem, my teacher provides me with a working strategy.	EC019Q13NA01	EC019Q13NA02	EC019Q13NA03
My teacher adapts the content and method to my needs.	EC019Q14NA01	EC019Q14NA02	EC019Q14NA03
My teacher changes the content or the difficulty when I have problems.	EC019Q15NA01	EC019Q15NA02	EC019Q15NA03

Compare mathematics lessons in your regular school and your additional mathematics instruction. Where are the following situations more likely to occur?

(If you have more than one mathematics teacher in school, please keep one and the same mathematics teacher in mind for all comparisons.)

	More likely in my regular school lessons	No difference	More likely in my additional instruction
I am focused throughout the session.	EC020Q01NA01	EC020Q01NA02	EC020Q01NA03
I start to work on learning content right away.	EC020Q02NA01	EC020Q02NA02	EC020Q02NA03
At the beginning, my teacher tells me what I will work on.	EC020Q03NA01	EC020Q03NA02	EC020Q03NA03
It takes a long time until I have gathered all the material to get started.	EC020Q04NA01	EC020Q04NA02	EC020Q04NA03
My teacher regularly explains how the lesson is related to other topics and courses.	EC020Q05NA01	EC020Q05NA02	EC020Q05NA03
I talk about things that don't have anything to do with our tasks and the topic.	EC020Q06NA01	EC020Q06NA02	EC020Q06NA03
At the end of a lesson, my teacher summarises the learning content I have covered.	EC020Q07NA01	EC020Q07NA02	EC020Q07NA03
My teacher points out the most important aspects of a topic.	EC020Q08NA01	EC020Q08NA02	EC020Q08NA03

I am often bored.	EC020Q09NA01	EC020Q09NA02	EC020Q09NA03
It takes a very long time until I am ready to get started.	EC020Q10NA01	EC020Q10NA02	EC020Q10NA03
My teacher tells me what I should learn in a certain activity.	EC020Q11NA01	EC020Q11NA02	EC020Q11NA03
My teacher points out the broader context of a learning unit.	EC020Q12NA01	EC020Q12NA02	EC020Q12NA03

Compare mathematics lessons in your school and your additional mathematics instruction. Where are the following student-teacher interactions more likely to occur?

(If you have more than one mathematics teacher in school, please keep one and the same mathematics teacher in mind for all comparisons.)

(Please select one response in each row.)

	Better in my regular school lessons	No difference	Better in my additional instruction
I get along well with my teacher.	EC021Q01NA01	EC021Q01NA02	EC021Q01NA03
My teacher is interested in my well-being.	EC021Q02NA01	EC021Q02NA02	EC021Q02NA03
My teacher really listens to what I have to say.	EC021Q03NA01	EC021Q03NA02	EC021Q03NA03
If I need extra help, I will receive it from my teacher.	EC021Q04NA01	EC021Q04NA02	EC021Q04NA03
My teacher treats me fairly.	EC021Q05NA01	EC021Q05NA02	EC021Q05NA03

Why do you attend additional mathematics instruction in this school year?			
(Please select all that apply.)			
I want to learn more.	EC022Q01NA01		
I want to prepare for exams.	EC022Q02NA01		
I was attracted by the tutoring advertisement.	EC022Q03NA01		
My parents wanted me to attend.	EC022Q04NA01		
Many of my friends are doing it.	EC022Q05NA01		
My teachers recommend it.	EC022Q06NA01		
I want to improve my grades.	EC022Q07NA01		
I need to improve my grades.	EC022Q08NA01		
It is gratifying to study.	EC022Q09NA01		
It looks good on a résumé.	EC022Q10NA01		

	_
It is necessary for a job.	EC022Q11NA01
Other reason.	EC022Q12NA01

Branching rule

Rule: IF (^EC001Q02NA01 > 0) THEN GOTO ^EC023R01 ELSE GOTO ^EC023

Why don't you attend additional mathematics instruction in this school year?			
(Please select all that apply.)			
I don't need any additional mathematics instruction.	EC023Q01NA01		
None of the available offerings seem to suit my needs.	EC023Q02NA01		
Not many of my friends are doing it.	EC023Q03NA01		
I don't have time.	EC023Q04NA01		
I don't have the money.	EC023Q05NA01		
My school teachers are knowledgeable enough.	EC023Q06NA01		
My parents don't want me to do it.	EC023Q07NA01		
It doesn't seem worth the money.	EC023Q08NA01		
My teachers say it is not useful.	EC023Q09NA01		
I have never considered taking additional	EC023Q10NA01		

EC023Q11NA01	
EC023Q12NA01	
EC023Q13NA01	
	EC023Q12NA01

Branching rule Rule: IF (^EC001Q03NA01 > 0) THEN GOTO ^ECInfo3 ELSE GOTO ^ECInfo4

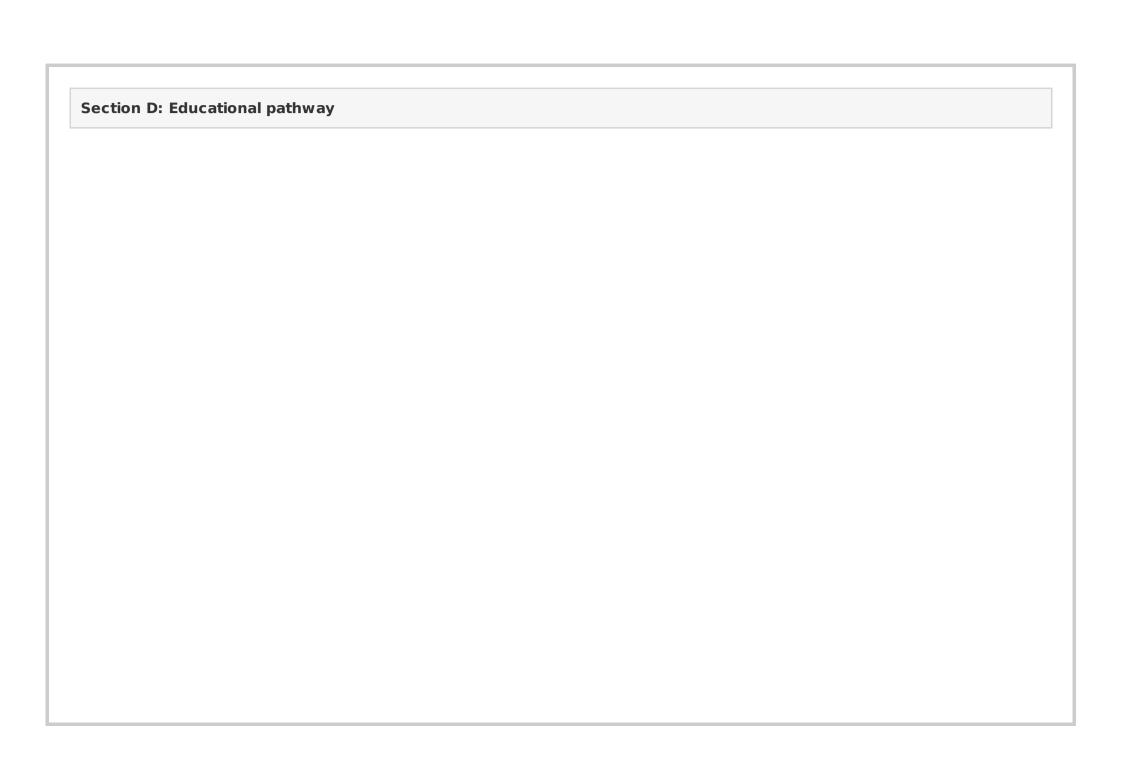


Which type of additional English instruction do you participate in during this school year?			
(Please select all that apply.)			
One-on-one tutoring with a person	EC024Q01NA01		
Internet tutoring with a person (including e.g. Skype™)	EC024Q02NA01		
Internet or computer tutoring using a program or application	EC024Q03NA01		
Live instruction by a person	EC024Q04NA01		
Video-recorded instruction by a person	EC024Q05NA01		
Small group study or practice (2 to 7 students)	EC024Q06NA01		
Large group study or practice (8 or more students)	EC024Q07NA01		
Other additional English instruction	EC024Q08NA01		

lease select all that apply.)		
tate education authority or government pays for or rovides it.	EC025Q01NA01	
y school pays for or provides it.	EC025Q02NA01	
y family pays for it.	EC025Q03NA01	
pay for it.	EC025Q04NA01	
ther people or organisations pay for it (e.g. oundations, friends).	EC025Q05NA01	
obody pays for it.	EC025Q06NA01	

lease select all that apply.)		
my regular school building	EC026Q01NA01	
some other place, i.e., not in my regular school uilding	EC026Q02NA01	

ease select all that apply.)	
e teacher is one of my regular teachers in this year's school urses.	EC027Q01NA01
e teacher regularly teaches students my age in school but is not y teacher in any of my regular school courses.	EC027Q02NA01
e teacher mainly works for a business or organisation specialised additional instruction.	EC027Q03NA01
e teacher is not specialised teaching personnel (e.g. a student).	EC027Q04NA01



Did you attend additional instruction earlier in your education?				
(Please select one response in each row.)				
	Yes	No		
In kindergarten or pre-school	EC028Q01NA01	EC028Q01NA02		
In primary school	EC028Q02NA01	EC028Q02NA02		
In lower secondary school (up to and including Year 10)	EC028Q03NA01	EC028Q03NA02		

Branching rule

Rule: IF ($^{\text{CO28Q01NA01}} = 1$ OR $^{\text{CO28Q02NA01}} = 1$ OR $^{\text{EC028Q03NA01}} = 1$) THEN GOTO $^{\text{EC029}}$ ELSE GOTO $^{\text{EC030}}$

How many years altogether have you attended additional instruction? (Please select from the drop-down menu to answer the question.) EC029Q01NA01 Years Select... • Years (EC029Q01NA01) Select... 0 10 11 12 13 14 15 16

In your family,	who helps yo	ou regularly wit	n your homework	or private study?

(Please select one response in each row.)

Yes	No
EC030Q01NA01	EC030Q01NA02
EC030Q02NA01	EC030Q02NA02
EC030Q03NA01	EC030Q03NA02
EC030Q04NA01	EC030Q04NA02
EC030Q05NA01	EC030Q05NA02
EC030Q06NA01	EC030Q06NA02
EC030Q07NA01	EC030Q07NA02
	EC030Q01NA01 EC030Q02NA01 EC030Q03NA01 EC030Q04NA01 EC030Q05NA01 EC030Q06NA01 EC030Q06NA01

Did you change schools when you were attending primary school?					
'Please select one response.)					
No, I attended all of primary school at the same school.	EC031Q01TA01				
res, I changed schools once.	EC031Q01TA02				
es, I changed schools twice or more.	EC031Q01TA03				

Please select one response.)	
No, I attended all of lower secondary (up to Year LO) at the same school.	EC032Q01TA01
es, I changed schools once.	EC032Q01TA02
es, I changed schools twice or more.	EC032Q01TA03

hank you very much for your cooperation in completing this questionnaire!						