

**Follow-Up Survey**  
**Showing Life Opportunities**

**Autumn 2020**

**Introduction (1 min)**

Hello [student\_code\_1], this is [survey\_code\_1]. I am part of the project "Showing Life Opportunities" that was conducted at your school with the support of the Ministry of Education. First, we would like to thank you for your participation in the project and we would like to ask you to help us by answering some questions. Is this a good time to talk? It will not take you more than 20 minutes, but it will be a great help in following up with the students who participated in the project.

Now, as part of the ethical protocols of the project, I am going to read you a text of the consent.

- Your participation is completely voluntary; you can abstain from answering any questions or ending the interview at any time.
- Your participation will not imply any risk for you or your family.
- As indicated, we expect this call to last 20 minutes.
- In addition, the information you provide will be anonymous.

If you have any questions, concerns or complaints regarding the study, you can contact us at any time: Dr. Igor Asanov. His phone number is : His email address is: [igor.asanov@uni-kassel.de](mailto:igor.asanov@uni-kassel.de)

1. Would you like to participate in this part of the project?

Yes (1) .... Next question

No (0)..... End of the call

Thank you. Finally, we would have to record this call for data quality purposes. The audios will not be used for any other purpose than the verification of my work. Do you agree to have audio recorded?

Yes (1) .... Next question

No (0)..... Continue without recording.

**Section 0: Introduction**

0.1 Your full name is [student\_code\_1]? **p0\_1**

Yes (1) << next question

No (0).... What is your name? \_\_\_\_\_ p0\_1\_esp

**0.2** Do you attend or did you attend school [school] and are you in [grade]? p0\_2

Yes (1)

p0_2	2	Yes to school, but not to that degree
p0_2	3	If at that level, but not at school
p0_2	4	No, not at that school or that degree
p0_4	-999	Does not know
p0_4	-888	Does not answer

<<- next question

**0.3** Which is/was your school? \_\_\_\_\_ p0\_3a

What is/was your grade? \_\_\_\_\_ p0\_3b

**0.4** Could you please tell me in which province you were born? (Display options) p0\_4

**Quality control question (only for supervising organization)**

**0.5** Could you please tell me the month in which you were born? - \_\_\_\_\_ p0\_5

**Quality control question (only for supervising organization)**

**0.6** Are you currently enrolled in secondary school/high school? p0\_6

Yes (1)->Section 1.2

No (0) ->0.7

Does not know (-888)

Does not answer (-999)

**0.7** Did you graduate? p0\_7

Yes (1) -> Section1.1

No (0)

Does not know (-888)

Does not answer (-999)

**0.8** Are you currently engaged in another form of education instead of secondary school?

**p0\_8**

Yes (1) -> 0.9

No (0)-> Section 1.3

Does not know (-888)

Does not answer (-999)

0.9 What is this other form of education? **p0\_9**

Home-schooling (1)

Online courses not run by secondary schools (2)

Vocational training (3)

Enrolled in technical institute (4)

Other (specify)\_\_\_\_\_ (5)

Does not know (-888)

Does not answer (-999)

➔ Section 1.2

## Section 1: Life Outcome 1- Education

### Section 1.1: ONLY Graduates

1.1.0. Did you take the aptitude test for applying to public universities? **p1\_1\_1**

Yes (1) -> 1.1.1

No (0)-> 1.1.2

Does not know (-888)

Does not answer (-999)

1.1.1. What was your grade on the aptitude test? **p1\_1\_2**

[\_\_|\_\_] points

1.1.2. Are you currently enrolled in any form of education such as in a university, technical academy, online course, vocational training, or other? **p1\_1\_3**

Yes (1) -> 1.1.1

No (2)

Does not know (-888)

Does not answer (-999)

1.1.3. Which type of education are you currently enrolled in? **p1\_1\_4**

a. The preparatory school (to enter university) (1)

b. Technical academy careers of 1 - 2 years of training (2)

c. College/university program (3)

d. Bachillerato Técnico Productivo (4)

e. Vocational training program (5)

f. Online course (6)

g. Other (specify) (7) ... **p1\_1\_4\_esp**

Does not know (-888)

Does not answer (-999)

1.1.4. Is your main area of study a STEM subject (science, technology, engineering or mathematics)? **p1\_1\_5**

Yes (1)

No (0)

Does not know (-888)

Does not answer (-999)

1.1.5. Is your main area of study entrepreneurship and business? **p1\_1\_6**

Yes (1)

No (0)

Does not know (-888)

Does not answer (-999)

### Section 1.2: ONLY Current Students (this includes post-secondary students).

1.2.1 In the past WEEK, have you spent the time to try to teach yourself or learn educational content that has not been required or assigned by teachers? **p1\_2\_1**

Yes (1)..... 1

No (0)..... >> Question 1.2.3

Does not know (-888)

Does not answer (-999)

1.2.2 How many hours? [\_\_|\_\_] hours **p1\_2\_2**

1.2.3 In the past week, have you spent time learning new skills that are not part of the school curriculum (e.g. by watching educational YouTube videos)? **p1\_2\_3**

Yes (1)..... 1

No (0)..... >> Section 1.3

Does not know (-888)

Does not answer (-999)

1.2.4 How many hours? [\_\_|\_\_] hours **p1\_2\_4**

### Section 1.3: All

1.3.1 What is your school average grade in the last two years?[From 1-10 with 2 decimals]

- 2018 - 2019 [\_\_ \_\_] **p1\_3\_1a**

- 2019 – 2020 [\_\_ \_\_] **p1\_3\_1b**

1.3.2 From 0 to 100, being 100 the best you could possibly hope to achieve with hard effort, what mark would you give yourself when you think about your prior performance?

[\_\_ \_\_ \_\_] **p1\_3\_2**

## A. Scheduling/planning

1.3.3 Have you planned out a schedule for work, study, and homework for the coming week? **p1\_3\_3**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

1.3.4 Have you developed strategies that motivate you to learn remotely? **p1\_3\_4**

Yes (1)..... 1

No (0)..... 0 >> question 1.3.7

Does not know (-888)

Does not answer (-999)

1.3.5 Please name them:

\_\_\_\_\_ (count number) p1\_3\_5

Options:

**p1\_3\_5\_esp\_1**

**p1\_3\_5\_esp\_2**

**p1\_3\_5\_esp\_3**

**p1\_3\_5\_esp\_4**

**p1\_3\_5\_esp\_5**

1.3.6 Do you actively approach others (family, friends) to get help with your learning, working process? **p1\_3\_6**

Yes (1)..... 1

No (0) ..... 0

Does not know (-888)

Does not answer (-999)

1.3.7 In the past week, how much time did you spend studying together with your classmates?  
[\_\_|\_\_] hours **p1\_3\_7**

1.3.8 In the past week, how much time did you get help with studying from your siblings  
(brothers, sisters)? [\_\_|\_\_] hours **p1\_3\_8**

## B. Careers – plans for future

1.3.9 Did you discuss with your parents about your education choices for the next year or job search strategy? **p1\_3\_9**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

1.3.10 Do you have concrete career plans? **p1\_3\_10**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

1.3.11 Please name them: **p1\_3\_11**

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1.3.12 Do you have back-up plans (in case your career plans do not work out)? **p1\_3\_12**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

1.3.13 Please name them: **p1\_3\_13**

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1.3.14 Have you set goals for the next 5 years? **p1\_3\_14**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

1.3.15 Please name them: **p1\_3\_15**

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1.3.16 Are you pursuing a career in business/entrepreneurship? **p1\_3\_16**

## Section 2: Life Outcome 2- Labor

(Note that students in our sample already can work even if they still in school.)

2.1 Which is your work status? **p2\_1**

- a. Unemployed (1)
- b. Partially employed\_\_\_\_\_number of hours worked per week (2)
- c. Fully employed\_\_\_\_\_number of hours worked per week (3)
- d. Business owner / self-employed (4)
- e. Student part-time (5)
- f. Student full time (6)
- g. Not employed and not looking for work (7)
- Does not know (-888)
- Does not answer (-999)

Number of hours worked: **p2\_1a**

2.2 How much did you earn in the past week? **p2\_2**

\$[ ][ ]

**A. Job searching behavior:**

2.3 Have you made a schedule of activities you will attempt in the coming month to look for a new job? **p2\_3**

Yes (1).....	1
No (0).....	0
Does not know (-888)	
Does not answer (-999)	

2.4 How many hours in the past week did you spend searching for jobs? **p2\_4**  
[ ][ ] hours

2.5 How many jobs did you submit an application for in the past week? **p2\_5**  
[ ][ ] numbers

**B. Employment (from IVR COVID-19 IPA):**

2.6 Did you spend at least one-hour working Yesterday? Please consider day labor, work for wages or in-kind (for free), and working on your own account or your own business, including an agricultural business. **p2\_6**

Yes (1).....	1
No (0).....	0
Does not know (-888)	
Does not answer (-999)	

- 2.7 How many hours did you spend working Yesterday? **p2\_7**  
[\_\_|\_\_] hours
- 2.8 Did you work for your own business? **p2\_8**  
Yes (1)..... 1  
No (0)..... 0 >> question 2.14  
Does not know (-888)  
Does not answer (-999)
- 2.9 From your business:  
a. Number of employees: \_\_\_\_\_ **p2\_9a**  
b. Registered with tax authority: Y/N **p2\_9b**  
c. Sales (\$) last month\_\_\_\_\_ **p2\_9c**  
d. Profits (\$) last month\_\_\_\_\_ **p2\_9d**
- 2.10 How many hours did you spend working for your own business Yesterday? **p2\_10**  
[\_\_|\_\_] hours
- 2.11 Did you do anything to improve the business? **p2\_11**  
Yes (1)..... 1  
No (0) ..... 0  
Does not know (-888)  
Does not answer (-999)
- 2.12 Please, name what did you do **p2\_12**  
\_\_\_ count options.
- 2.13 How many hours did you spend working in-kind Yesterday? **p2\_13**  
[\_\_|\_\_] hours

### **C. Expectations/Knowledge - Weekly or monthly Wages / earnings**

- 2.14 Please, answer true or false each statement based on your knowledge about Ecuador  
([Randomize items](#))
- a. It is hard to find a job when you graduate from agricultural activities **p2\_14a**
  - b. Very few students (less than 50) apply for industrial careers such as Geoscience or Polymers **p2\_14b**
  - c. The 16 most demanded careers offer a low rate of employability **p2\_14c**
  - d. Studying health-related careers is attractive because they have lots of vacancies **p2\_14d**
  - e. Ecuador is hiring teachers in Educación Intercultural Bilingüe **p2\_14e**
  - f. 23.8% of high school dropout finds a job. What percentage of college graduates find a job?  
(placebo)\_\_\_\_\_ **p2\_14f**
- 2.15 Imagine that you go on to study a STEM subject at university for four years, and start to work after you graduate from university. What would YOU expect to earn after three years of work experience if you become:



a STEM worker \_\_\_\_\_ monthly \$ **p2\_15a**

an entrepreneur/ businessperson \_\_\_\_\_ monthly\$ **p2\_15b**

- 2.16 Imagine that you start to work as soon as you finish high school. What would YOU expect to earn after three years of work experience if you become:

an entrepreneur/ businessperson \_\_\_\_\_ monthly\$ **p2\_16a**

a worker \_\_\_\_\_ monthly\$ **p2\_16b**

please tell the profession you imagine you would be employed as here \_\_\_\_\_ **p2\_16c**

#### **D. Self-initiated contributions to family income**

- 2.17 Did your family have financial problems due to the COVID-19 outbreak? **p2\_17**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

- 2.18 Did you come up with a way to help your family? **p2\_18**

Yes (1)..... 1

No (0)..... 0

Does not know (-888)

Does not answer (-999)

- 2.19 What did you do to help your family? **p2\_19**

\_\_\_\_\_

- 2.20 How much time did you spend on helping your family? **p2\_20**

[\_\_|\_\_] hours/days/weeks **p2\_20t**

### **Section 3: Personal Initiative/Negotiations related and other measures**

#### **I. Personal Initiative**

- 3.1 The scale for answering each of the sentences is as follows: 1 is Strongly Disagree, 2 is Disagree, 3 is Neither Agree nor Disagree, 4 is Agree and 5 is Strongly Agree. Then we begin.

Scales to be programmed:

Items must be random

"Instructions:

Please check the box that indicates the student."

Personal Initiative I

To what extent do you agree with the following statements that describe you?

1. I face problems actively. **p3\_1a**
2. When something goes wrong, I find a solution immediately **p3\_1b**
3. When there is an opportunity to be actively involved, I take it. **p3\_1c**
4. I take the initiative immediately even when other have not. **p3\_1d**
5. I take advantage of opportunities quickly to achieve my goals **p3\_1e**
6. I usually do more than what I'm required to do. **p3\_1f**
7. I am particularly good at materializing new ideas. **p3\_1g**

## **II. Negotiations**

### **A. Avoidance behaviors:**

3.2 Please I will tell you the rating scale to indicate the extent to which each statement describes your behavior.

The scale for answering each of the sentences is as follows: 1 is never, 2 is seldom, 3 is occasionally, 4 is frequently and 5 is very often. You can tell me only the number of the scale you have chosen in each question. That is: 1, 2, 3, 4 or 5.

How often....

<b>Statements</b>	<b>Never</b>	<b>Seldom</b>	<b>Occasionally</b>	<b>Frequently</b>	<b>Very often</b>
You avoid confrontations / differences of opinions with their parents and family during lockdown	<b>p3_2a</b>				
You have not expressed your opinion for the sake of peace and harmony in the family during lockdown	<b>p3_2b</b>				

You have changed the subject when it came to contentious topics with friends	<b>p3_2c</b>				
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## B. Social interactions regarding COVID-19

3.3 Please list number of ways that you use to be with your friends.

Options:

**p3\_3a**

**p3\_3b**

**p3\_3c**

3.4 In the last 30 days, how many arguments have you had with family and friends about how dangerous COVID-19 is? \_\_\_\_\_[number] **p3\_4**

3.5 How many people have you successfully influenced to change their opinion or behaviors regarding COVID-19? **p3\_5**  
[ ][ ] number

3.6 What or who has shaped your understanding of COVID-19 the most? **p3\_6**

- Parents (1)
- Teachers (2)
- Friends (3)
- Youtube/internet (4)
- Others: \_\_\_\_\_ (5) **p3\_6\_esp**

## C. Dealing with conflict

3.7 The scale for answering each of the sentences is as follows: 1 is never, 2 is occasionally, 3 is often. You can tell me only the number of the scale you have chosen in each question. That is: 1, 2, or 3.

How often....

Statements	Never	Occasionally	Often
You have had a conflict or argument with friends via texting (messaging, WhatsApp, email)	<b>p3_7a</b>		

You have been able to resolve a conflict or arguments with friends via texting	<b>p3_7b</b>		
You have had a conflict or argument with your parents regarding your activities	<b>p3_7c</b>		
You have been able to resolve a conflict with your parents	<b>p3_7d</b>		

#### **D. Pregnancy**

- 3.8 Think about the students (including yourself) who were in your entrepreneurship class last year. Are any students from that class currently pregnant or have recently had a baby?

**p3\_8**

Yes (1)..... 1 (How many students \_\_\_\_\_) **p3\_8a**

No (0) ..... 0

Does not know (-888)

Does not answer (-999)

#### **III. Stereotypes**

- 3.9 Please rate how true or false each statement was for you on a scale from 1 (definitely false) to 5(definitely true). Question from Breda.et al,

	1= Definitely false  5= Definitely true
Men are more gifted in math	<b>p3_9a</b>
Men have a natural predisposition/ability to be entrepreneurs	<b>p3_9b</b>
If a girl wanted to, she could be as successful in a STEM field as men	<b>p3_9c</b>
If a girl wanted to, she could be as successful in business as men	<b>p3_9d</b>

### **A. STEM Self-Efficacy**

A STEM Professional work in the STEM knowledge areas (Science, Technology, Engineering, Mathematics). Within these four branches of knowledge there are an infinite number of university degrees, ranging from Nanoscience to Aeronautics, including Web Application Development and Medicine. Some professions catalogued as STEM are architecture, statistics, data processing (Big Data), virtual reality, the Internet of Things (IoT), Bioinformatics, etc. (Gomez, 2018)

3.10 Please rate how true or false each statement was for you on a scale from 1 (definitely false) to 5 (definitely true).

How confident are you that you could...?

- Be accepted to university in a STEM field. **p3\_10a**
- Learn complicated concepts. **p3\_10b**
- Overcome any problems you might have while studying/working in a STEM field. **p3\_10c**
- Become a professional in a STEM field. **p3\_10d**

### **B. Math Self-Efficacy**

3.11 Please rate how true or false each statement was for them on a scale from 1 (definitely false) to 5(definitely true)

- Seeing kids do better than me in math pushes me to do better **p3\_11a**
- When I see how another student solves a math problem, I can see myself solving the problem in the same way **p3\_11b**
- I imagine myself working through challenging math problems successfully (VS-4) **p3\_11c**
- I compete with myself in math **p3\_11d**

3.12 Social responsibility scale. ([Randomize items](#))

Why are you motivated to do your work? Please, how true or false each statement was for you on a scale from 1 (disagree strongly) to 7 (agree strongly).

Because I care about benefiting others through my work **p3\_12a**

Because I want to help others through my work **p3\_12b**

Because I want to have positive impact on others **p3\_12c**

Because it is important to me to do good for others through my work **p3\_12d**

Because I enjoy the work itself **p3\_12e**

Because it is fun **p3\_12f**

Because I find the work engaging **p3\_12g**

Because I enjoy it **p3\_12h**

3.13 Please answer the following questions.

*Open question with a number variable with the following statement*

Marriage

i) What is the suitable age for marriage for a woman?\_\_\_\_\_ **p3\_13a**

ii) What is the suitable age for marriage for a man?\_\_\_\_\_ **p3\_13b**

Childbearing

i) What is your preferred number of children?\_\_\_\_\_ **p3\_13c**

ii) At what age, a woman should have a baby?\_\_\_\_\_ **p3\_13d**

Children's  
marriage

i) If one day you have a daughter, at what age would you prefer she gets married? \_\_\_\_\_ **p3\_13e**

ii) If one day you have a son, at what age would you prefer he gets married? \_\_\_\_\_ **p3\_13f**

**C. Gender attitudes and violence measures.**

3.14 Do you agree/disagree with the following statements:

*Score with range 0-7 equal to the sum of positive gender attitudes responses to the following seven agree/disagree items:*

	Agree	Disagree
Males are better at managing money than females <b>p3_14a</b>	0 points	1 points
Fathers in the family should decide on how family money is spent	0 points	1 point

<b>p3_14b</b>		
It is as important for girls to complete secondary school as it is for boys <b>p3_14c</b>	1 points	0 points
When a family cannot afford to send all children to school, it is better to send boys than girls <b>p3_14d</b>	0 points	1 points
When a husband and wife disagree about the number of children to have, the husband's opinion matters more <b>p3_14e</b>	0 points	1 points
A girl should get married when she finds an appropriate partner, even if she is still in school. <b>p3_14f</b>	0 points	1 points
Girls are as intelligent as boys <b>p3_14g</b>	1 points	0 points

3.15 Binary variable equal to 1 if responded that a husband is not justified in hitting or beating his wife in each of the following five situations:

- a) If she goes out without telling him \_\_\_\_\_ **p3\_15a**
- b) If she neglects the children \_\_\_\_\_ **p3\_15b**
- c) If she argues with him \_\_\_\_\_ **p3\_15c**
- d) If she refuses to have sex with him \_\_\_\_\_ **p3\_15d**
- e) If she burns the food \_\_\_\_\_ **p3\_15e**

3.18. In case we would like to contact you for further questions by Whatsapp, can we do this? **contacto\_extra**

Yes (1)->1

No (0)->0