

# EXAMPLE OF PRE & POST- INTERVIEW FOR 12-14- YEAR-OLD TEENS



**THIS INTERVIEW PROTOCOL HAS BEEN  
DESIGNED, VALIDATED AND USED BY  
UNIVERSITAT AUTÒNOMA DE  
BARCELONA**

**UAB**  
Universitat Autònoma  
de Barcelona



Supported by  
the Erasmus+ programme  
of the European Union



## INTERVIEW GUIDELINES

These questions are guidelines for the interviews. If teens do not provide a clear answer, we will pose another similar question to deepen in the answer. Moreover, if the answer hinders some information that could be relevant for knowing more about their self-efficacy or other related aspects, we will make more questions, as well.





## PRE-EVENT INTERVIEW

1. Introduce yourself

---

### EXPECTATIONS

2. What do you think we will do in the UNIX sessions?
3. What would you like us to do in these sessions?
4. How would you like us to do them?
5. Do you want to do math? Why?

---

### SELF-EFFICACY

6. Do you think you are good or bad at math? Why?
7. Why do you think you are bad/good at math?
8. Who told you that you are good/bad at math? Explain it to me
9. Do you think you are capable of solving mathematical problems? Why?
10. In relation to other subjects, in which of them do you feel more capable of being successful? Why?

---

### INTEREST/STEM VISION

11. Do you see utility in mathematics? For what?
  - a. Could you give us an example?

---

### ASPIRATIONS IN MATH

12. What would you like to study?
  - a. Do you think there are mathematics here? In which sense?
13. Would you like to study mathematics? And work on something related to maths? Why?
14. Could you make a slogan to define your relationship with mathematics?



## POST-EVENT INTERVIEW

These questions are guidelines for the interviews. If teens do not provide a clear answer, we will pose another similar question to deepen in the answer. Moreover, if the answer hinders some information that could be relevant for knowing more about their self-efficacy or other related aspects, we will make more questions, as well.

---

### EXPECTATIONS

1. What have you done in these past sessions?
2. Do you think you have been doing math?
  - a. When/Which maths?
3. How have you felt when doing... (show photos of things that have been done in the workshop)
4. How did the challenges went?
5. Which part did you like the most/the less? Why?

---

### SELF-EFFICACY

6. What was your star moment of the activity? Why?
7. Do you think you are now more/less capable of doing mathematical problems than before? Why?
8. What has helped you more to feel that you are able to achieve mathematical challenges?

---

### INTEREST/STEM VISION

9. What usefulness have you seen in what you did / learned?

---

### ASPIRATIONS IN MATH

10. After participating, would you like to study mathematics? And work on something that need mathematics? Why?

---

### PROMOTION OF STEM

11. What would you say to other children who say they do not feel able to do math activities? Do you think they could change your mind? Why?