

Appendix 1. Students' answers to the questionnaire

QUESTION	CHOICES	Girls answers	Boys answers
Q3.1. Did you have fun?	a lot	14	10
	little	0	1
	none	0	0
Q3.2. What did you like? (You can check more than one box)	Programming with Scratch	14	8
	Building robots with Lego WeDO	11	6
	Building robots with Lego NXT or EV3	14	8
	Visit to UNIFARM	11	7
	Visit to FBK	13	7
	Videoconferences with scientists	7	6
	Writing the diary	13	6
	Building the city setting	13	10
Q3.3. What did you not like? (You can check more than one box)	Programming with Scratch	0	1
	Building robots with Lego WeDO	2	3
	Building robots with Lego NXT or EV3	0	2
	Visit to UNIFARM	2	0
	Visit to FBK	1	1
	Videoconferences with scientists	7	0
	Writing the diary	1	5
	Building the city setting	1	1
Q4.1a. If you are a female, would you have liked to participate in a course with only females?	yes	5	
	no	9	
Q4.1b If you are a male, would you have liked to participate in a course with only males?	yes		3
	no		8
Q4.2. Instead of working together, would you have liked better to work alone?	yes	0	0
	no	14	11
Q4.3. Would you have preferred working with only kids your age?	yes	1	2
	no	13	9

Appendix 2. Parents' answers to the questionnaire.

QUESTION	CHOICES	Answers
Q1.1 Parent of a	daughter	24
	son	19
Q1.2 Do you think that a career in STEM would be practicable and desirable for your daughter/your son?	I would not take into consideration	0
	I would consider it	19
	I think it is a highly recommended career	24
Q2.1 Do you think that a STEM career would guaranty a job?	Yes	42
	No	1
Q2.2 Do you think that a STEM career would guarantee, respect to the average income of graduates (which is 1.388 euro per month for graduate people five years after graduation, as reported by Almalaurea Consorzio (2016), an income:	in line with the average income	24
	lower than the average income	2
	higher than the average income	17
Q3.1 The ROBOESTATE course changed your opinion about the desirability of a STEM career for your daughter/your son?	no, because already before the course I was convinced that it was a desirable career	36
	no, I still think that these careers should be discouraged	1
	yes, before I thought it was a career that should be discouraged, while now I think it's a desirable career	6
	yes, before I thought it was a desirable career, while now I think it should be discourage	0
Q3.2 Do you think that ROBOESTATE has made your daughter / son think that it is practicable and desirable to start a career in the technical-scientific field?	yes	40
	no	2