

# Science 4 all ! - Evaluation

## October 2016 - July 2018

### STUDENTS

Year : 2016 2018 2016 2018 2016 2018 2016 2018

#### 1. Mathematics is useful to solve problems in everyday life.

	PL		FR		EE		PT	
yes	58%	35%	66%	57%	43%	75%	70%	68%
so and so	35%	61%	30%	40%	46%	25%	29%	32%
no	7%	4%	4%	3%	11%	0%	1%	0%

#### 2. I like Science.

	PL		FR		EE		PT	
yes	27%	58%	59%	60%	30%	62%	70%	87%
so and so	68%	40%	41%	39%	64%	31%	26%	13%
no	5%	2%	0%	0%	7%	7%	4%	0%

#### 3. I am eager to learn/know new things about Maths and Science.

	PL		FR		EE		PT	
Often	32%	30%	37%	45%	61%	70%	51%	60%
Sometimes	63%	68%	52%	50%	34%	30%	45%	40%
Rare	5%	2%	11%	5%	5%	0%	4%	0%

#### 4. I use digital tools/apps/computer in learning.

	PL		FR		EE		PT	
Often	35%	57%	33%	54%	32%	59%	29%	53%
Sometimes	40%	27%	48%	35%	46%	36%	61%	43%
Rare	25%	16%	26%	11%	26%	5%	10%	4%

#### 5. I participate in innovative learning activities, for example: educational projects, working in groups, educational trips, experiments etc.

	PL		FR		EE		PT	
Often	55%	86%	11%	33%	54%	87%	32%	70%
Sometimes	35%	18%	67%	47%	37%	13%	56%	17%
Rarely	10%	0%	22%	20%	9%	0%	12%	13%

#### 6. Knowing Science/ Maths/ Technology is necessary in most professions.

	PL		FR		EE		PT	
I agree	75%	70%	59%	64%	80%	87%	81%	67%
So and so	25%	30%	34%	31%	11%	13%	19%	30%
I disagree	0%	0%	7%	5%	9%	0%	0%	3%

#### 7. I will choose a job/profession in the Science, Maths, Technology field.

	PL		FR		EE		PT	
yes	25%	27%	15%	25%	18%	44%	39%	50%
not sure yet	55%	46%	48%	43%	61%	38%	46%	20%
no	20%	27%	37%	32%	21%	18%	15%	30%

#### 8. Do you imagine you could live and work in another European country?

	PL		FR		EE		PT	
yes	83%	82%	70%	77%	77%	92%	67%	70%
no	17%	18%	30%	23%	23%	8%	33%	30%

#### 9. Any citizen of the EU can freely travel, study, live and work in another country of the EU.

	PL		FR		EE		PT	
right	55%	87%	70%	87%	45%	85%	65%	100%
wrong	7%	2%	7%	5%	18%	2%	4%	0%
I don't know	38%	11%	22%	8%	37%	13%	31%	0%

#### 10. Estimate your level of competences written below (1-very bad,...., 5-excellent):

**Note: write a NUMBER = mean value of pupils responses**

	PL		FR		EE		PT	
1) Communication in the mother tongue	4.82	4.70	4.10	4.20	4.70	4.71	4.20	4.60
2) Communication in foreign languages	3.30	3.30	2.80	3.70	3.70	4.00	3.00	3.60
3) Mathematical comp. and basic comp. in S&T	3.52	3.51	3.30	3.50	3.89	4.43	3.20	3.60
4) Digital competence	3.97	3.82	3.50	4.10	4.11	4.30	4.00	4.10

5) Learning to learn	4.00	4.05	3.40	4.10	4.30	4.36	3.80	3.80
6) Social and civic competences	3.95	3.83	3.60	3.80	4.40	4.49	3.80	4.00
7) Sense of initiative and entrepreneurship	3.60	3.49	3.10	4.13	3.70	4.12	3.80	3.70
8) Cultural awareness and expression	3.90	4.16	3.10	3.80	3.11	3.84	3.60	3.80

**11. I like/can work in pairs or groups with my colleagues.**

	PL		FR		EE		PT	
yes	93%	89%	81%	82%	75%	72%	84%	80%
so and so	5%	11%	15%	14%	18%	23%	13%	17%
no	2%	0%	4%	4%	7%	5%	3%	3%

**12. I can express my feelings and opinions.**

	PL		FR		EE		PT	
yes	70%	73%	45%	52%	73%	77%	59%	70%
so and so	30%	27%	55%	48%	20%	21%	39%	27%
no	0%	0%	0%	0%	7%	2%	2%	3%

**13. Are you interested in knowing different cultures than yours?**

	PL		FR		EE		PT	
yes	81%	86%	63%	73%	75%	87%	86%	83%
so and so	17%	14%	30%	21%	20%	13%	10%	15%
no	2%	0%	7%	6%	7%	0%	4%	2%

**14. Estonia has a boarder with:**

	PL		FR		EE		PT	
Lithuania	30%	14%	56%	45%	32%	8%	33%	23%
<b>Latvia</b>	63%	84%	22%	38%	68%	92%	56%	67%
Belarus	7%	2%	22%	17%	0%	0%	11%	10%

**15. Which of following explorers is NOT from Portugal:**

	PL		FR		EE		PT	
Ferdinand Magellan	7%	0%	12%	6%	25%	5%	34%	10%
Vasco da Gama	20%	8%	35%	19%	32%	39%	5%	0%
<b>Christopher Columbus</b>	73%	92%	63%	75%	43%	56%	61%	90%

**16. Nobel Prize for Peace laureate from Poland is:**

	PL		FR		EE		PT	
<b>Lech Wałęsa</b>	63%	84%	22%	43%	48%	46%	32%	37%
Maria Skłodowska-Curie	32%	14%	48%	25%	34%	36%	49%	50%
Pope John Paul II	5%	2%	30%	32%	18%	18%	19%	13%

**17. A symbol of the French Republic is:**

	PL		FR		EE		PT	
Jeanne d'Arc	15%	35%	18%	8%	61%	72%	46%	47%
<b>Marianne</b>	35%	47%	78%	92%	32%	21%	31%	47%
Colette	50%	18%	2%	0%	7%	7%	23%	6%

**18. It's very difficult for me to talk in English with foreigners.**

	PL		FR		EE		PT	
I agree	5%	2%	18%	9%	11%	3%	16%	13%
So and so	75%	77%	67%	72%	66%	46%	68%	27%
I disagree	20%	21%	15%	9%	23%	51%	16%	60%

**19. I know some words / expressions in 3 partner school languages (Polish/ French/ Estonian/ Portuguese)**

	PL		FR		EE		PT	
Many	2%	4%	7%	9%	4%	10%	2%	7%
Some	35%	80%	41%	72%	46%	59%	80%	73%
None	63%	16%	52%	9%	50%	31%	18%	20%

**20. Do you feel a citizen of Europe?**

	PL		FR		EE		PT	
yes	100%	100%	85%	100%	77%	95%	97%	98%
no	0%	0%	15%	3%	23%	5%	3%	2%