

Questionnaire for detecting the inclination towards scientific subjects

*Please, take a few minutes to complete the questionnaire trying to provide answers based on your actual experience. The compilation is anonymous and data collected are treated in an aggregate manner without the ability to go back to the individual compiler. The results will be announced within the project ROSE. ERASMUS + KA2 Strategic Partnership ROSE - Robotics Opportunities (To foster) STEM Education 20141IT02KA200003660
Eligibility period: 01.09.2014-31.08.2017*

1. *How would you define the study of integrated or experimental sciences (mathematics, science, biology, physics, chemistry) in the current programs of study?*

- | | | | |
|--------------|---------------|-----------------|----------------|
| ✓ Addictive | ✓ Difficult | ✓ Indispensable | ✓ Boring |
| ✓ Stimulant | ✓ Congruent | ✓ Tiring | ✓ Stressful |
| ✓ Training | ✓ Fundamental | ✓ Noisy | ✓ Inconclusive |
| ✓ Exciting | ✓ Intriguing | ✓ Self-training | ✓ Useless |
| ✓ Important | ✓ Ambitious | ✓ Confusingly | ✓ Hard |
| ✓ Innovative | ✓ Brave | ✓ Trivial | ✓ Incongruent |

2. *Does your school offer practical activities aimed to experiencing science?*

- not at all a little bit somewhat quite a bit a great amount

3. *Would you like to have more time devoted to practical training and experiments?*

- not at all a little bit somewhat quite a bit a great amount

4. *Would you like to meet other students who have experienced sciences?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

5. *Does your school have rooms dedicated to practical activities?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

6. *Would you like using common materials or recycled materials for scientific experiments?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

7. *Do you think successful experimental activities could stimulate your interest towards traditional school subjects?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

8. *In your opinion, do mathematics, science and technology influence real-life problems?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

9. *Do you think they could help solving everyday problems?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

10. *Would you like to be an inventor?*

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

11. Do you know inventions able to make life easier?

- not at all a little bit somewhat quite a bit a great amount

12. Should innovative technologies be included in current school curricula?

- not at all a little bit somewhat quite a bit a great amount

13. Would you like to collaborate with organizations planning the future with new technologies and robotics?

- not at all a little bit somewhat quite a bit a great amount

14. Would you like to be part of a team?

- not at all a little bit somewhat quite a bit a great amount

15. Do you think that working in team is useful for inventing something new?

- not at all a little bit somewhat quite a bit a great amount

16. Do you think practical activities can help students suffering from forms of discomfort (hyperactivity, disability, discomfort in general) to improve their link with the school?

- not at all a little bit somewhat quite a bit a great amount

17. Are you prepared to share experiences with students from different backgrounds or with forms of discomfort?

- not at all a little bit somewhat quite a bit a great amount

GENERAL INFORMATION

Gender:

- male* *female*

Your performance in mathematics is:

- insufficient* *poor* *fair* *good* *excellent*

Your performance in science is:

- insufficient* *poor* *fair* *good* *excellent*

Do you like mathematics:

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*

Do you like science:

- not at all* *a little bit* *somewhat* *quite a bit* *a great amount*