



Erasmus+



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Analysis of survey done after the first stage “STEM+A_TECHNOLOGY VIEW”

by all countries of project
“STEM+A around us”

April, 2019



Number of participants:

| COUNTRY | STUDENTS | | | TEACHERS |
|----------|----------|------|-------|----------|
| | TOTAL | BOYS | GIRLS | |
| SPAIN | 9 | 4 | 5 | 2 |
| TURKEY | 9 | 5 | 4 | 4 |
| POLAND | 10 | 5 | 5 | 2 |
| BULGARIA | 20 | 12 | 8 | 4 |
| ITALY | 5 | 3 | 2 | 3 |
| HUNGARY | 40 | 25 | 15 | 8 |

Improving language skills- conclusions:

Spain



- 100% students think that their participation in Erasmus project helped them to develop their language skills in English, especially oral communication skill.
- In their opinion their level of communication in English with foreign project students was high.

- **Conclusion:**

Students are satisfied with the level of English used at the project. They liked the activities with communication between students. It's good and necessary to do more activities with students from different countries interaction.

Improving language skills- conclusions:

POLAND



All of students were very satisfied with the activities. They think that the level of English was very high, and that they improve their communication using foreign language. By participating in the project they became more independent and open-minded.

conclusion:

The result of the observation shows that some students were active and brave to speak English. The improvement of the students' speaking skills can also be seen on their abilities to correct their mistakes in pronouncing some words in English and reduce the use of their native language in different discussion.

Improving language skills- conclusions: Bulgaria



- All the students think that by taking part in Erasmus project they developed their language skills in English, especially oral communication skill and they are more self confident in speaking.
- In their opinion their level of communication in English with foreign project students was very good.
- **Conclusion:** Students are satisfied with the level of English used at the project. They liked the activities with communication between students. The students that travelled have the chance to use and improve their language skills in real situation outside the classroom. It's good to have more activities connected with the oral communication between the students from the countries in the project.

Improving language skills- conclusions:

Italy



Most of the students think that taking part to the Erasmus project was important for them since they improved their language skills, both oral and writing.

- **Conclusion:** Students have been very happy to have had the opportunity to participate to the Erasmus activities because they could interact and communicate. It is desirable that more and more communication activities are carried out.

Improving language skills- conclusions: Turkey



- Most of the students think that they improved their language skills but only few of them still have difficulty in verbal and written communication in English.
- They became aware of the importance of learning foreign language.

Conclusion:

Students are satisfied with the level of English used in the project. They liked the activities with communication between students.

Improving language skills- conclusions:

Hungary



Many students do not dare to speak English because they are afraid of making mistakes

Conclusion: In English lessons, kids need to talk more. We will take this into account in the future.

Improving STEM+A skills- conclusions:

Spain



- 100% students think that their participation in Erasmus project helped them to develop their STEM skills.
- More than 30% think Technology was the skill they developed the most.

Conclusion:

- They like work STEM with Technology. They loved robots creation an electrical circuits with a free view improving their creativity.
- They think they improved their STEM and Technology skills and they like it.

Improving STEM+A skills- conclusions:

POLAND



- 100% of respondents stated that all activities and cooperation with their friends helped them to improve their STEM skills.
- Especially, nearly 50 % think that they made a progress in Science and Maths. What's more, they claimed that they are more interested in those two subjects.

conclusion:

Teaching Science and Maths in a different way made students more motivated in learning. They started to be more creative and engaged.

Improving STEM+A skills- conclusions: Bulgaria



- •The participation in Erasmus project helped our students to develop their STEM skills.
- •The tasks connected with Technology were very interesting for more than 60% of the students, so they have the chance to develop their technology skills the most in the field of Robotics.
- **conclusion:**•The students liked the STEM activities and developed their skills in Technology, ICT and Science.

Improving STEM+A skills- conclusions:

Italy



A great part of the students think that their participation in Erasmus project was useful to improve their STEM skills and say that they improved most Technology skills.

Conclusion: What they liked more was the creation of electrical circuits and robot creations. They really liked these activities.

Improving STEM+A skills- conclusions: Turkey



- Turkish students think that they improved their STEM+A skills very much.
- The tasks connected with Technology were very interesting for more than 65% of the students.
- They have the chance to develop their technology skills the most in the field of Robotics

conclusion:

They liked the activities connected with technology.

Improving STEM+A skills- conclusions: Hungary



They think they improved their STEM and Arts skills and they like it.

Conclusion: We used more ICT tools during the Project.

Improving ICT skills- conclusions: Spain



- Most of students think they improved their ICT skills during the Project and they like it.
- They used different ICT tools and enjoyed a lot with them.

Conclusion:

- We will use more ICT tools during the Project.

Improving ICT skills- conclusions:

POLAND



Most of the students really enjoyed using ICT in the class. Definitely teachers should use more tools during their classes.

conclusion:

Polish students definitely improved their ICT skills.

Improving ICT skills- conclusions: Bulgaria



- Most of the students think that they have improved their ICT skill during the activities.
- They used different ICT tools and some of them were new for them. They enjoyed the activities and gained new knowledge.

conclusion: It will be good for the student to use more and various ICT aps during the project tasks.

Improving ICT skills- conclusions: Italy



Taking part to Erasmus project helped the students to improve their ICT skills. They enjoyed using different ICT tools and the activities done during the project.

- Conclusions: It would be useful for students to use more different ICT apps during the project.

Improving ICT skills- conclusions: Turkey



- According to students they have developed their ICT skills during the project.
- ICT activities are interesting, useful and entertaining for them.
- They gained new knowledge about ICT tools

conclusion:

It would be useful for students to use more different ICT apps during the project.

Improving ICT skills- conclusions:

Hungary



According to students they have developed their ICT skills during the project.

Conclusion: It would be useful for students to use more different ICT apps during the project.

Improving social and cultural skills- conclusions:

Spain



- Most of students did the activities in groups or pairs. They enjoyed working together.
- They used to decided what to do everybody voluntarily or in negotiation way. This is very important because they are learning for future and for group work at schooll, university and their life.
- They use to solve problems talking and discussing and this is great for their future.
- The atmosphere during the project activities was good or very good (100% enjoyed the activities).

Conclusion:

- Project work is very important to improve social and cultural skills.
- Students who traveled enjoyed a lot because they had the chance to meet different people with different cultures.

Improving social and cultural skills- conclusions:

POLAND



- All of students were involved and comfortable with people from different cultures and backgrounds. In the class, they worked effectively in pairs, preparing brain-storing maps and conclusions. They took part in discussions. 100% of students who were involved in the project really liked activities

conclusion:

For students who had a chance of travelling, participating in the project was an excellent adventure. They met a lot of new people and learnt a lot about other countries and nationalities.

Improving social and cultural skills- conclusions: Bulgaria



- During the activities the students worked mostly in groups and pairs.
- They took decisions voluntarily and in a negotiation way. Even though all the student have the chance to express their own ideas and abilities. They solve problems by discussions .
- The students think that the atmosphere during the project work was very good.

conclusion: The students that took part in the international meeting had a chance to meet their friends, to learn more about their country and culture and communicate with students from different countries at one and the same time.

Improving social and cultural skills- conclusions:

Italy



- Most of the activities were carried out in pairs or groups and the decisions about what to do were taken voluntarily or in a Donenegotiation way. The atmosphere during the project activities was good.
- **conclusion:** These activities are really important to improve social and cultural skills. Students who had the opportunity to travel enjoyed a lot since they could meet different people and get in touch with different cultures.

Improving social and cultural skills- conclusions: Turkey



- Working in small groups proved to be the best social skills students achieved during this stage of the project.
- Problems were solved by oral communication.
- The students think that the atmosphere during the project work was very good.

conclusion:

Working in pairs or groups helped them to cooperate for a better work and was very positive experience for them.

Improving social and cultural skills- conclusions:

Hungary



Conclusion:

General questions:

Spain



- 100% students enjoyed the activities.
- They want to know lots of things about Technology and different cultures.
- Products Made Using Recycled Materials was the most valorated activity.
- Trip and activities with students from different countries was the most valorated.

Conclusion:

- They like all the activities
- They like the contact with students from other countries. So it is necessary to strengthen the peer relationships of the different countries, through more reading texts, more skype and this activities with students from other countries.

General questions:

POLAND



- 100% of Students who took part in the Erasmus Programme were satisfied with all activities
- They especially enjoyed using Maths, ICT in the online activities and websites which they hadn't known before

conclusion:

All the students definitely gained broad knowledge about Maths, Art, Science and using ICT. They improved their communication, language and intercultural skills. For sure, they will participate in Erasmus programme again.

General questions: Bulgaria



- All students liked the project meeting very much. They think it is interesting, motivating and involving,
- Most of them think that due to project they develop their passions and hobby, the most interesting are ICT and Technology activities. Students definitely gained knowledge about project countries,

conclusion: The students liked all the activities. They enjoyed the most the communication with their friends from the different countries. We must think about more tasks and activities connected with oral communication.

General questions:

Italy



- All the students felt very involved in the project. They liked all the activities because, thanks to them, they could improve their passions. They found ICT and Technology activities very interesting and enjoyed the contact with students from other countries.

General questions: Turkey



- All of the students enjoyed the activities too much.
- According to students, the most interesting were the ones connected with ICT and Technology.
- The students were very interested in communication with other foreign students

conclusion:

- They like all the activities.
- we still have to remember to create involving and interesting tasks and involve each students in all activities more or less as the same level.



General questions:
Hungary



All students liked the project meeting very much.

conclusion: They found ICT and Technology activities very interesting and enjoyed the contact with students from other countries.

Level of students' satisfaction:

Spain



- The students valorated their participation in the project between very good and excelent.
- So level of student's satisfaction is very high.

Conclusion:

- Spanish's students are really happy with the Project
- They are enjoying and learning.

Level of students satisfaction:

POLAND



All participants really like activities during the Erasmus programme. They love to travel to other countries. They have gained a lot of new knowledge, friends from all over the world, and memories that cannot be put into words. It is definitely a guide for their further personal and career development.

conclusion:

The students are grateful that they could participate in the project.

Level of students' satisfaction: Bulgaria



- All the students think that their level of participation in the Project was very good and high. They worked enthusiastic and enjoyed the activities.

conclusion: Bulgarian students enjoyed the activities. They found them interesting and motivating. They improved their skills and gain new knowledge in different fields.

Level of students' satisfaction:

Italy



- Level of students' satisfaction

All the students were really satisfied

- **conclusions:** Italian students have been happy with the project activities.

Level of students satisfaction: Turkey



- All of the students were really satisfied while working on project activities.
- They were very curious about knowing other cultures and ways of living

conclusion:

- Turkish students are very happy to be a part of this project.

Level of students satisfaction:

Hungary



All students liked the project meeting and all programs very much.

conclusion:

Our students were very interested in all kind of activities. They enjoyed sharing time with other students from the school and from other countries.

INFORMATION COLLECTED BY

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