



Erasmus+



Co-funded by the  
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**Analysis of survey done after the  
first stage “STEM+A\_ART VIEW”  
by all countries of project  
“STEM+A around us”**



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# Number of participants:

COUNTRY	STUDENTS			TEACHERS
	TOTAL	BOYS	GIRLS	
SPAIN	13	6	7	4
TURKEY	11	5	6	6
POLAND	10	5	5	2
BULGARIA	19	10	9	4
ITALY	20	10	10	6
HUNGARY	16	10	6	5

# 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



- According to the students they have improved the ability to dialogue and listening in English. Not everyone has reached an excellent level, they need more time.
- **Conclusion:** it is necessary to strengthen the peer relationships of the different countries, through more reading texts, more skype

# Improving language skills- conclusions: Turkey



- According to students they achieved high level in communication with foreign peers,
- 80% think they improved the skills in creating written texts,
- The most useful skill is communication with their foreign peers

**Conclusion:** Students are satisfied with the level of English used at 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 50% think Technology was the skill they developed the most, 3 students think it's Art skill, 2 Engenering and 1 of them think Science is the most developed skill.

### Conclusion:

- They like work STEM with design and art.
- They think they improved their STEM and Arts 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 85 % 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 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.
- •Some of the tasks connected with Technology were new for them so they have the chance to develop their technology skills the most.
- **conclusion:** The students liked the STEM activities and developed their skills in Technology, Art and Science.

# Improving STEM+A skills- conclusions:

Italy



- The students willingly faced the proposed activities and were motivated to solve questions related to STEM + A with creative and laboratory activities. They have improved creative and penile skills.
- **conclusion:** Creating a database and making competitions, both within one's own school and with children from various countries, in the construction of ogeeti with recycled material.

# Improving STEM+A skills- conclusions: Turkey



- According to students, taking part in Erasmus project helped them to develop their STEM+A skills very well. They learned about science technology and other parts in an enjoyable way.

## conclusion:

The students think that they improved Stem skills too much.

They enjoyed most Stem with Science and Art.

# 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:**

After each stage students as well as teachers become more motivated in using ICT in the class.



# 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



- according to students they achieved high level ICT skills in the project, ICT application they appreciate the most is Monkey Jam, ICT activities they regard as very interesting,
- **conclusion:** next group of students should have similar tasks to get them interested with new apps.

# Improving ICT skills- conclusions: Turkey



- According to students they achieved high level ICT skills in the project,
- Before project they did not know most of ITC tools used in the project.
- They found ICT activities very interesting.

## **Conclusion:**

Knowledge of various tools they have not previously known have already been acquired. The students should use more ICT apps during the project .

# Improving ICT skills- conclusions:

Hungary



Before project they did not know most of ITC tools used in the project.

**Conclusion:** Our school has taken a smart board so we can enjoy its benefits in education as well

# 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 wasgood 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 discussins .

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



- a students worked mainly in pairs or groups, problems were solved by oral communication, they can appreciate the pluses of cooperation, they were not able to point the weaknesses of cooperation.

- **conclusion:** before tasks make a series of conversation about rules of cooperation and try to change students working always together



# Improving social and cultural skills- conclusions: Turkey



- Turkish students improved their social skills because they worked mainly in pairs or groups,
- They became aware of the importance of cooperation.

## conclusion:

Working in groups and cooperation makes a big contribution to improving social skills.

They had a chance to meet students from different countries and learn about their cultures.

Improving social and cultural skills- conclusions:

Hungary



They met a lot of new people and learnt a lot about other countries and nationalities.

**Conclusion:** Our students improved their social skills.

# General questions:

## Spain



- 100% students enjoyed the activities.
- They want to know lots of things about different cultures.
- Robot was the most valorated activity. Unobstructed activity was, in their opinión, the worst 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 students regarded project meetings as interesting and involving,
- most of them think that due to project they could develop their passions and hobby, the most interesting we ICT activities, students definitely gained knowledge about project countries.
- **conclusions:** more preactical and interesting maths tasks and use the feedback after activity.

# General questions: Turkey



- All students liked the project meeting very much.
- They think it is interesting, motivating and involving,
- Students developed a variety of skills to cope with many tasks.

## **conclusion:**

We should motivate and encourage more students to participate actively in the activities and tasks

# General questions: Hungary



All students liked the project meeting very much.

**conclusion:** During the trip, the students met many friends. They have been holding it ever since they met until now.



# 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 the Project was very Good and high.

**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



- Students were eager to work and learn, they think they were very active, they liked the atmosphere during the project working,
- **conclusion:** 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.

# Level of students satisfaction: Turkey



- Students were eager to work and learn
- They think they were very active
- They liked the atmosphere during the project working,

## conclusion:

Our students were very interested in all kind of activities  
They were happy to share activities with peers from other  
European countries

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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