

Questionnaire results – C1 mobility in Palermo, Italy (February 2022)

- **Total: 20 teachers questionnaires**
- [The questionnaire google doc](#) and [google sheet](#)

Name

20 responses

Sarma

Dace

Jevgenijs

Željka

^ias

Katarina

Giovanna

Ljiljana

Sonia

Nadia

Maria Grazia

Maria Laura

Korina

Marisa Dora

Rosa

G*o*iana

ro

HAMD¹

DEVRİM

Ezg¹

Surname

20 responses

—

Matisone

Litvinovs

Drn'ković

Oi —

Duspara

Ki^ic

Crn —

Anesti

Mari

Valenti

Ferro

Pappa

Valenza

Messina

Musotto

Cicciari

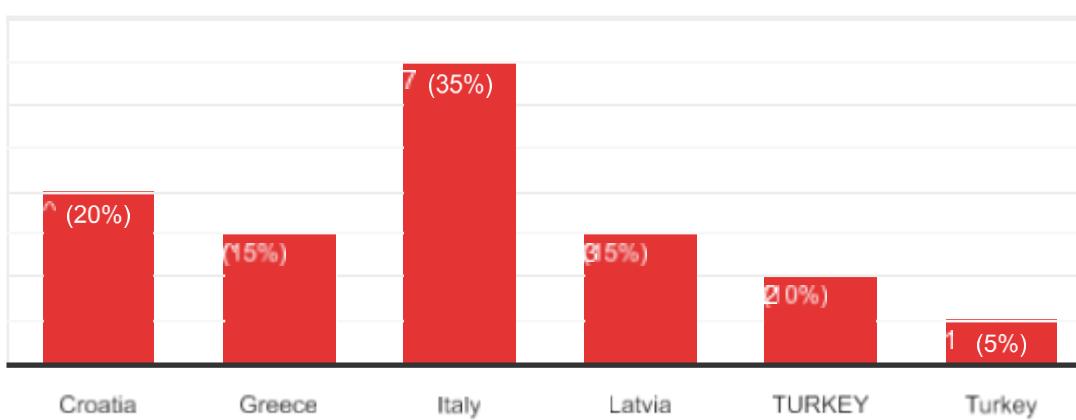
ÇAKIN

Turan Öner

Country

20 responses

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DAY1 Monday 14/02

20 responses

Good student presentation, but teachers from each country could do it.

It is great student presentations.

Very nice welcome programme! Presentations of the STEAM programmes of the school were excellent! The sightseeing tour of Palermo was magical!

Our host prepared great welcome programme for us. Presentations of STEAM programme was very interesting. The Zoological Museum was also interesting. I liked the sightseeing tour of Palermo very much.

excellent day and very interesting

We were at Zoological Museum and had presentations of the STEAM programmes. The sightseeing tour of Palermo was fantastic.

It was warm welcoming by our Italian hosts, and presentations of all other group in project. It was really enjoying to visit the Geological and Paleontological Museum "G.G. Gemmellaro" The presentations at the school were very interesting, especially those which were presented by pupils. It was obvious that the teachers take a huge effort to prepare the pupils for this great presentations of their work.

In the evening we had a beautiful social dinner.

It was nice welcoming by our Italian hosts. We were really enjoying in Geological and Paleontological Museum. We had interesting presentations in school about ecology of the marine and about climate change by pupils. It was obvious that the teacher effort to prepare the pupils for this great presentation.

Pleasant atmosphere greetings exchanges.

Nice student presentations about their work related to the project.

Interesting tour ~~of the Paleontological Museum~~ moments in our school, a lot of pupils presented a civic education exhibition, realized by them during theirs course of study.

It concerns the objectives of the 2030 Agenda, such as: good health and well-being, clean water and sanitation, affordable and clean energy, sustainable cities, responsible consumption, climate action, life below water, life on land and other ones related to STEAM.

I think an exhibition is useful to STEAM education and
learning to create an authentic
learning environment for project-based pupils'

Then partners went to visit the Geological and Paleontological Museum "G.G. Gemmellaro" that is related to the University of Palermo. It is one of the most important institutions of its kind in the Mediterranean. Visiting such a museum is a stimulating space to reflect throughout the STEAM learning experience, in this case, especially on scientific ones.

In the afternoon, pupils presented the results of the laboratories they attended and they showed a great interest in their workshops dealing with 'Ecology of the marine coastal environments' and 'Climate change and sustainability: the sea among art, science and society'. Being involved in laboratories in which students have materially experienced, gave an increase in interest in the study of STEAM.

Participants received a pleasant welcome from the Headmaster and from us project staff. After, a representation of students guided the partners in the exhibition Civic Education on the objectives of the 2030 Agenda. Then, we went to visit the Geological and Paleontological Museum "Gemmellaro" at the University of Palermo. In the afternoon the STEAM CLUB students presented the courses they attended, Ecology of the Marine coastal environments and Climate change and sustainability: the sea among art, science and society; the students illustrated the activities and shared their experiences. Then the students present the workshop that will take place on Wednesday 16th on the analysis of water through bioindicators.

We ~~—~~ LUS partners. Students presented the civic education exhibition. We visited the Gemmellaro Museum of the University, Palermo. In the afternoon we visited the old the

Palermo

city.

- Welcome by the hosting school's staff and visiting the facilities of the hosting school, coming into contact with diversified school systems proved invaluable.
- Programme-related presentations focusing on marine coastal environments, climate change and sustainability were to the point.
- Palermo Sightseeing and the visit to the zoological museum clarified the immediate connection between the surrounding area and its geomorphological characteristics.

The first day is a key moment of knowledge among the participants. Attending the presentation of the school and its many activities is an essential element of comparison. The presentation of the exhibition and its civics content represented a growth performance for our pupils. The students of the Steam club had the opportunity to present the work done and the skills acquired in recent months In the afternoon, the visit to the historic center, starting from the coastal development towards the hinterland, showed the essence and origin of our culture and history.

As a tutor of the project "Coastal environment ecology" I presented a power point with two students that was a summary of the course.

Presentation about climate change and sustainability: the sea among art, science and society

We ~~met~~ LUS partners. Students presented the civic education exhibition We visited the Gemmellaro Museum of the University. We presented Ecology of the marine coastal environment and workshop activities of water sampling of Oreto river

First of all, we were very happy to see our Erasmus friends. First of all we watched the presentations of the Italian students, they were all very well prepared. We visited the Zoological "P. Doderlein" Museum. I saw dinosaur fossil for the first time in my life. It was interesting to see the remains of interesting animals that lived in the past. Then we took a city tour. Palermo is a historical city and we felt like we were in a poem while walking around the streets, and pizza was delicious.

First of all, Palermo was one of the most beautiful cities I've ever seen. It turns into a romantic city especially when the streets are covered with evening lights. Museum trips were very productive.

I liked the presentations prepared by the students very much. The models they made were interesting. I enjoyed traveling in Palermo very much. The streets were so colorful.

DAY2: Tuesday 15/02

20 responses

Wou^ like to get to know the city of Marsala

like Marsala arheological museum, I wou^ like trip with Marsala.

The educational trip to Marsala was very challeng'ng. A lot of new information, very rich and cultural programme.

Ed — I trip to Marsala and all the activities done there were very interesting and usefu^

excellent day and very 'nteresting

The education trip to Marsala was very great experience. We visit arheological museum Baglio Anselmi and we visit the island of Motya and its ruins. It was very educative.

The education trip to Marsala show the great history of Sicilia. We learned ^ lot, and the artifacts were astoning.

The lunch and all the refreshments of all day of our staying were above the expetations. Especially the spontanity and warmth of our hosts, beside the Sicilan sun, tuch our heart

The edutacion trip to Marsala show the reach history of Sicilia. The artifacts were suprizing for me. The lunch and the refreshments of all days were above the e

. Our hosts was so spontanity and warmth.

ed — I trip to Marsala and Trapan^

The rainy face of Sicily is also beautiful, although it is difficult to collect samples..

The second day I was engaged in the management of STEAM activities planned for C1 mobility, such as monitoring and control, organization of meals, social dinners, information for

learning

partners on the journeys by public transport, remote coordination of the planned teaching activities.

The educational trip to Marsala was interesting, we had the opportunity to visit the "Baglio Anselmi" Archaeological Museum and visit the Punic ship. At the museum we admired the underwater findings, such as the Punic ship, the so-called Sister Ship and the late Roman Ship of Marausa. In the afternoon we visited the salt pans of Trapani with its ancient mi

I was engaged in the management of STEAM activities planned for mobility, such as monitoring and control, organization of meals, social dinners, information for partners on the journeys by public transport, remote coordination of the planned learning teaching activities.

The educational trip to Marsala to visit the Archeological Museum Baglio Anselmi and the Punic ship proved very challenging and thought provocative.

My participation involved the organization of the day: travel and means of transport, anch, booking of sites to visit, monitoring and control of the stages to be completed, correspondence between planning and implementation.

I was engaged in the management of STEAM activities planned for C1 mobility, such as monitoring and control, organization of meals, social dinners, information for partners on the journeys by public transport, remote coordination of the planned learning teaching activities.

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Ed — I trip to Marsala: we visited Archeological Museum Baglio Anselmi and visited of the Punic ship. Also visited saline

We went to Education Trip to Marsala. We studied the remains of people who lived in the past. We saw the salt mills on the way to lunch. The fish in the meal had sea salt on it and it was

del^~. We were very happy to see a flamingo.

I really liked the salt mills in Marsala. Fish was very fresh and delicious.

I got historical information in the museum. Windmills were interesting. Flamingos were spectacular.

DAY3: Wednesday 16/02

20 responses

Great laboratory experiments. Keep up the good work.

It is very good experiments.

A trip to Piopo for taking water samples - well planned and organised. Experiments at school - very educational and intellectual. The museum of underwater world of Italy surely improved our skills and knowledge about the subject.

Scientific lab at school was great organised, very interesting and it was very educative.

excellent day and very interesting

Trip to Pioppo for taking the water samplings of Oretto river. Experiments at school were educational and intellectual. Sebastian Tusa exhibition was very interesting.

This day the nature sent lot of rain, but we accomplish our activity in the lab. Analysis of water in the school's lab shows he different species. After the lunch we go to visit Arsenale della Marina Regia, Sebastiano Tusa Exhibition.

In the evening we again had a beautiful social dinner.

The analysis of water sampling of Oretto river is very interesting for me because that water consist many different species. Visit of Arsenale della Marina Regia again show us reach history of Sicilia. In the evening we enjoyed in Social dinner.

The rain continues to make it difficult for us...

However, the samples from the river Oretto were collected and at the school in the laboratory the analyzes were done and we enjoyed beautiful images under the microscopes ..

The tour of the Sebastiano Tousa Museum is very interesting

The third day, in order to let the partner know how, during the laboratories related to the project, the water of Oreto river is analysed we went for a scientific trip to Pioppo (Palermo). In the afternoon we visited the *Arsenale della Marina Regia* in the halls of which there is a *Water Sampling of the river*. According to the need practices to do that, as the day before the students showed to them, during the workshop, some partner took some water from the river and then we came back to school to the scientific laboratory to analyse the samples. The operating method will be the inverted class method: teachers were involved in STEAM learning like students usually do. The analysis of water sampling aroused great interest and enthusiasm in all of us.

The exhibition promoted and organized by the *Superintendence of the Sea of the Sicilian Region*, tells the life of the archaeologist, founder of the *Soprintendenza del Mare* and *Councillor for Cultural Heritage*. A Journey through images, texts, personal objects, finds, documentaries and multimedia installations that traces the career of Sebastiano Tusa from his first experiences making us rediscover man, intuitions, passions for the story of the pioneers of underwater archaeology in Sicily. This showed us how much important is the historical and archeological patrimony in order to connect all the STEAM knowledge.

The delegation of STEAM teachers went to Pioppo to collect the water from the Oreto river. Finally, in the scientific laboratory of the school, the STEAM teachers led the delegation of teachers in the scientific experiments through the use of Bioindicators.

The afternoon was dedicated to a visit to the "Arsenale della Marina Regia", the underwater museum and the Sebastiano Tusa exhibition, led by an expert archaeologist. In the evening, social dinner: happy together!

Trip to Pioppo for taking the water samplings of Oreto river. Then did Experiments at school; in the afternoon we visited Arsenale della Marina Regia, Sebastiano Tusa Exhibition - the evening we had a beautiful social dinner.

- Although the weather conditions were not satisfactory the purpose of the Scientific trip to Pioppo for water sampling of Oreto river was adequately served and the Scientific Lab at School was absolutely satisfactory.

- The visit of "Arsenale della Marina Regia" to experience at first hand the Sebastiano Tusa Exhibition was an excellent choice which enabled participants to appreciate the major significance of the sea-element of the Mediterranean.

I had the opportunity to remotely follow the sampling of the waters of the Oreto river, pupils and teachers were able to discover how many informations are obtained from the forms of life present in the water examined. The afternoon visit to the Arsenale Museum enriched the scientific aspect with essential historical and archaeological elements. The social dinner allowed a moment of conviviality in which a pleasant and relaxing cultural exchange took place.

I participated in scientific laboratory organized from teacher Cicciari. The laboratory activity was funny and immersive.

I participated to the scientific trip to Pioppo (PA) for water sampling of Oreto river and to the scientific Lab at School

Scientific trip to Pioppo for water sampling of Oreto river. After did experiments at school for analysis of water sampling with bioindicators

3rd day is the most beautiful day in Italy because we examined the microorganisms we caught from the oreto river with a microscope. It was very difficult to catch live microorganisms with a microscope, but it was a lot of fun to record them on camera and make videos. We had the opportunity to examine the ships used on the island of Sicily at the museum we went in the afternoon.

microorganism experiment was so fun.

I like the music teacher's work very much

The group work we did in the lab was a nice activity.

DAY4: Thursday 17/02

20 responses

Excellent excursion to Mount Etna, but was able to see the group's first crater.

It is very great trip with Etna Volcano.

The trip to Etna was wonderful! This is a dream coming true! Amazing views, a lot of emotions and sweet memories. Catania is a charming city with a fantastic zoological museum! A lovely place for students to study.

The trip to Etna was great and I liked it very much. Catania and Zoological Museum were also very nice to visit.

Etna was beautiful also the museum in Catania

Catania, Etna here we come. Finally, a dream come true!! Catania is a great city with interesting Zoological Museum .

We were on the trip to the volcano Etna in Catania. and visited the Silvestri Craters at the altitude of the 2000 meters that was GREAT.

After that we go to visite te panoramic point "Valle del Bove", and Zoological Museum of Catania with lot of the birds and other animals.

The favorite day for me was trip to Etna Volcano in Catania and visited of the Silvestri Craters. It was wonderful. After that we visited of the great Zoological Museum of Catania.

The view and the white - black snowy landscape in Mount Etna are shocking. Wonderful view but also tightness in the stomach from the volumes of petrified lava ..

Pleasant and very educational visit to the Zoological Museum of Catania.

The fourth day we took a trip to the wild craters of Etna volcano, in Catania, at an altitude of 2000 meters; the visit also included a panoramic point overlooking the "Valle del Bove". The afternoon was spent in the Zoology Museum and the Butterfly House in Catania, that different from ~~belong to the INGV Department of Biological, Geological and Environmental Sciences, allowed part of all in the red seteeky of the environment that it is with the change of different bases on, such as the geographical and morphological characteristics of the collection, and the catalogue of many insects. Inside this museum there are galleries without windows and this is very interesting because the visitor immediately comes into contact with the zoological heritage. I think the observation of what is being studied is the basis of learning.~~

The trip to Etna was wonderful. We visited the two Silvestri Craters at an altitude of 2000 ~~metres~~. Also we visited of the panoramic point overlooking the "Valle del Bove". In the afternoon we visited the Zoology Museum and the Butterfly House of the University of Catania. The Museum of Zoology is not only a place where specimens of sometimes strange, curious or exotic animal species are presented and can be observed, but it can transform itself into an exploratory starship that travels through time and space.

The trip to Etna was beautiful !!! My dream is coming true!! Then we visited The Zoological Museum of Catania.

The trip to Etna Volcano in Catania and in particular the visit of the Silvestri Craters at an altitude of 2000 meters was absolutely breathtaking.

My participation involved the organization of the day: travel and means of transport, ~~in~~ booking of sites to visit, monitoring and control of the stages to be completed, correspondence between planning and implementation.

I was engaged in the management of STEAM activities planned for C1 mobility, such as monitoring and control, organization of meals, social dinners, information for partners on the journeys by public transport, remote coordination of the planned learning teaching activities.

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Day 4 was such a fantastic day. We were excited to go to an active volcano. We were shocked that the lava came so far. When we landed on Etna we felt the energy of fire. Etna's air was very clean and its scenery was beautiful. We took a volcanic stone with us as a souvenir.

Etna volcano is an amazing place. I love the view.

I love the magnificent view of Etna. It was a new experience for me. I like the zoology museum a lot. I like pizza very much

DAY5: Friday 18/02

20 responses

Due to Italy's 120 hour rule, we had to take our documents and return

like Steam as strong bridge from past to future passing through the sea

like Steam as strong bridge from past to future passing through the sea

The evaluation of the meeting is very important. The planning of the next meetings is always challenging. The Certificate ceremony is a joy and the highlight of the week. We all worked very well and really hard. Italian food is always delicious and simply the best in the whole world! And the Italian hospitality is fantastic - a 5 star level! Bravi, ragazzi! Ti amo, Italia, dolce amore mio! Baci, baci, baci! xxxx :)))

The evaluation and planning of next meeting were constructive^ liked the certificate

difficult moments...time to say good bye

Evaluation of the meeting is important. The Certificate ceremony was great. The food was amazing.

For the conclusion of this 5 days educational activity we received the certificates of the attendance, filling up of the quality questionnaire of the mobility, and planning of upcoming mobilities.

For the conclusions of this 5 days edutations we received the certificates of attendance and we had final discussion.

^All good things come to an end. Discussion with students about their work on the project, the

future... Certificates to the participants.

The fifth day some activities took place, such as: Europass mobility tool, Certificates of attendance, questionnaire of the mobility, planning of upcoming mobilities and a final discussion. All this was a very important moment for the exchange of good practices, the sharing of this mobility activities, the strengthening and professional bond between peers.

The evaluation of the meeting was very important e the plannig of upcaming mobility is an important challenge for all of us.

Evaluation of the meeting and after there was Certificate ceremony.

Conclusion activities of the mobility were well-organised and conducted in a friendly and warmhearted atmosphere. The mobilities objectives were well-reached and served to the highest level.

on the last day it was interesting to list all the experiences to formulate new ideas and new projects in the light of the work done and the skills acquired through the comparison. All activities are done: Europass mobility tool, Certificates of attendance, questionnaire of the mobility, planning of upcoming mobilities and a final discussion.

I was engaged in the management of STEAM activities planned for C1 mobility, such as monitoring and control, organization of meals, social dinners, information for partners on the journeys by public transport, remote coordination of the planned learning teaching activities.

Meeting at school:

- Final discussion

13:00 Conclusion of the mobility

I was engaged in the management of STEAM activities plannedfor C1 mobility, such as monitoring and control, organization of meal, social dinners, information for partners on the journeys by public transport, remote coordination of the planned learningteaching activities.

Personal ideas and suggestions about effective ways of teaching S  (how to integrate visits to museums and topics related to the sea, such as underwater archeology, in effective teaching practice):

20 responses

To succeed in realizing all intentions.

Let us continue like that.

Let us continue and even become more perfect! Fantastic project and amazing team! :)))

Fantastic project and teams, great hosts. The activities in this project helped to see how to integrate visits and related topics in effective teaching practice.

Teaching students to think out of the box. A good idea would be to get some preparation BEFORE the actual field visit to the museums or places of interest including interactive activities to maximize students' involvement. AFTER the field visit, discussions/feedback and explanations about what students experience (see/do/learn) MUST follow.

Great project, great people, great experience. Simply amazing !! Let us continue.

The teachers showed the best way of implementing and the integrating all different activities in one whole.

The teachers showed us the best way of implementing activities. It was very nice experience for me. Great people, great city, great food.

Students should be prepared. To know about the topic they will attend, to have worked with worksheets in a pleasant way. Students are tired in museums and do not enjoy watching. Their education should be done in a pleasant, fun and attractive way.

Learn through conversation

Make pupils present the results of their researches

Make pupils present in the scholastic institution.

Involve them in the practice of STEAM activities.

Connect daily lessons with this Project.

As members of the staff, we hope to have been able to guide the partners in how to integrate

Try to keep the S ~~learning alive in the classroom with daily activities that keep the~~

concepts top-of-mind for students and inspire their love of learning.

Try to get your classroom become a place of thought, provoking conversation, design, creativity

and learning.

Make several trips of a naturalistic scientific nature especially in places of sea.

Suggestions:

Prior to the actual visit to museums or places related to the topic of the sea element:

- engage students to research beforehand concerning the content of the visit by providing a series of acknowledged resources they can use in order to get a first glimpse of the topic of the imminent visit

- prepare online and/or printed worksheets they will work on prior and/or during the visit (the worksheet will include close and open ended entries, as well as tasks related to art, e.g drawing a piece of artefact they will come into contact during the in situ visit)

After the field visit has been concluded:

- students can be assigned to work into multicultural groups online and produce a final product, e.g an interactive collaborative image/map, depicting key elements concerning the topic, to be used by classes in all participating organisations (padlet or thinglink or any other digital application can be used for this purpose).

- questionnaires, surveys and/or polls will be conducted to collect the necessary feedback and

to depict participants' satisfaction and engagement extent according to qualitative and quantitative indicators previously determined

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By implementing activities like this, methodological learning approaches such as project and problem-based Learning, as well as experiential learning and working in groups will be emphasised.

An interesting way to teach Steam concepts is in a systematic synthesis of what has been done during these days of mobility: to develop the scientific aspect at the same time as the historical and cultural aspect of an element of knowledge. this will make any topic engaging and extremely interesting.

In the secondary school is very difficult. The time is short. All "extra" activities must be organized in the afternoon!! The technological support is fundamental, anyway.

was ~ excellent!

project

More permanent learning can be achieved by doing more experiments and activities.

I think the most effective way to learn is to experiment and observe in addition to routine work.

I think that more permanent learning occurs when learning is made fun.

