



### The 1st Learning, Teaching and Training (LTT) mobility in Belgium

Students and educators participated in scientific activities related with STEM as well as cultural and educational activities: students prepared the articles for the 1st edition of the Science Magazine and the international editor team who planned the lay-out, defined contents, created a working plan and timed the different activities, participants of the mobility visited Gent University science and technology labs. The program had a

lot of educational, social and cultural activities for students and educators. The project activities also involved taking classes in FAB – LAB, the aim of which was to create a new board game using newest technologies like 3D printer and laser cutter. Participants took part in STEM lessons: 3M science - creating a 1-2 minute video describing a new, innovative solution that could solve an everyday problem. They also visited the University of science and technology in Gent, Brussel's museum of nature and science. In Brussel they tasted local specialties, got acquainted with Gent and its old town. Using lab activities and working in teams, participants of the project improved skills and competencies of



comparing their opinions and sharing ideas as well as gaining intercultural competences.

Realizing the project activities both students and educators improved and recognized a few major competences such as creativity, critical thinking, cross-cultural communication and collaboration bearing in mind the different partners' context. The English language skills were optimized by both students and educators. The teachers got some experience in teaching new learning pathways during this mobility and will be able to apply received knowledge in their educational institution.

*“We want to prepare our students for the future”*

*We want to prepare our students for the future. We are convinced that to do so we need to link our education in the class with the outside world.*





### The 2nd Learning, Teaching and Training (LTT) mobility in Spain



In this mobility the results of the STEM questionnaire were analysed and compared with each project partner country. Students and educators participated in scientific activities related with STEM as well as cultural and educational activities, students prepared the articles for the 2nd edition of the Science Magazine using the layout created by the Belgium team having been prepared in the first mobility. Teachers had a workshop on Moodle platform so as to learn how to upload the STEM questionnaire and get the graphics. The program had a lot of cultural, social and educational activities including a visit to Grana-

da - World Heritage Site, La Alhambra - Spain's most visited attraction and, undoubtedly, true masterpiece of architecture and Nazaries Palace. Participants visited Malaga where they had a workshop "Understanding the painting" in Picasso Museum, the Old town and the Cathedral and Ronda – the world heritage site UNESCO. Participating in traditional Flamenco dance class and water sports activities, the students and educators improved intercultural communication competencies. Students had a possibility to take part in scientific workshops of the Science Fair where different scientific inventions were

presented and how they work in reality. Working in separate international teams students participated in the workshops making Ethernet cables, configuring a wireless Access Point, security of the Wi-Fi network. Educators analysed the STEM questionnaire results and had a workshop on Moodle platform. Some cultural - educational activities helped in order to understand better the traditions of the hosting country as one of the objectives of the project is to share European traditions and improve intercultural competences.

Using lab activities students improved skills how to cope with challenging situations through posing problems and looking for solutions, learning the abilities such as taking initiative, thinking creatively, working collaboratively in teams. Mutual discussions and evaluations allowed students to learn from each other and improve the skills of English language.

## Scientific workshops of the Science Fair in Bezmiliana

The IX Meeting of Bezmiliana Sciences was inaugurated on Thursday, April 27, 2017. Organized by the Bezmiliana Scientific Club, it is part of the Network of Innovation and Knowledge Fairs of Andalusia promoted by the Discover Foundation.

The event also includes 17 entities and organizations such as the City of

Rincon de la Victoria, the Royal Spanish Mathematical Society, the Spanish Institute of Oceanography, the participants of the “Erasmus+” 2 project “Innovative Generation” and others. The students of different educational centres were showing and explaining to the public the different scientific experiments that they had been making and tuning during the course.

As an outstanding exhibition “The Taste of Mathematics”, which is installed in Bezmiliana institute. That is a fusion of gastronomy, art and mathematics. The exhibition “The Young Face of Science”, which reviews a group of young researchers from the University of Málaga who explain their work and illustrate it with photographs.





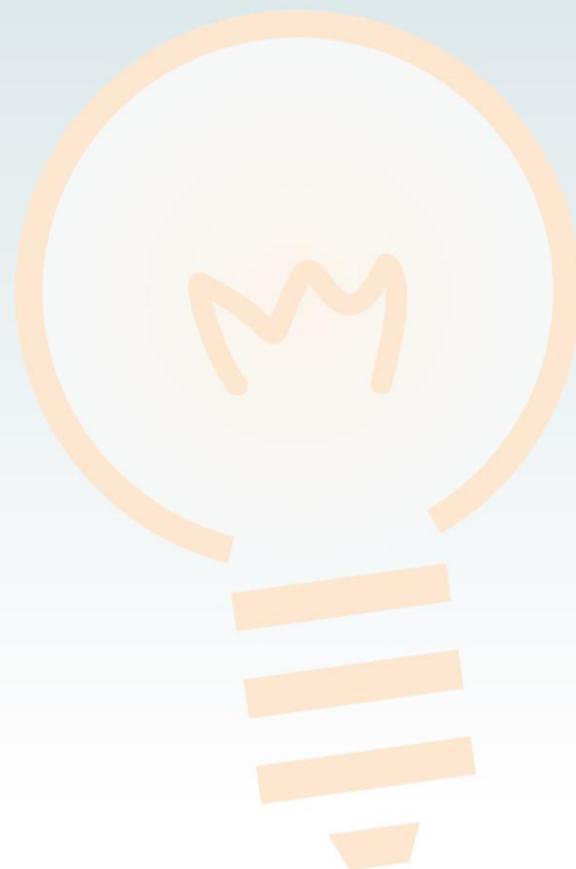
## MEETINGS

We will have 2 transnational project meetings for teachers:

- 8–14 October, 2017 – Lithuania
- 20–26 May, 2018 – Italy

There will be 3 student exchange mobilities:

- 8–14 October, 2017 – Lithuania
- 18–24 March, 2018 – Poland
- 20–26 May, 2018 – Italy



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