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○ E-STEAM erasmus project

○ newsletter 02

○ 06-2019



E-STEAM
Equality in Science, Technology, Engineering,
Art and Mathematics

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Newsletter 02

Local workshop with the Support Board members

Each partner country of the E-STEAM project ran a workshop with students and with the Support Board (consisting of people connected to the STEAM areas and stakeholders)

- 📍 **Country: Bulgaria**
- 📅 27/03/19
- ⌚ Duration: 1h 30 min
- 📍 Location: - First private school LEONARDO DA VINCI, Ruse

- 📍 **Country: Greece**
- 📅 21/03/19
- ⌚ Duration: 2h
- 📍 Location: SYGXRONO, Larissa, Greece



- 📍 **Country: Portugal**
- 📅 08/03/19
- ⌚ Duration: 3h30
- 📍 Location: Escola Secundária de Silves, Silves

- 📍 **Country: Romania**
- 📅 21/03/19
- ⌚ Duration: 2h
- 📍 Location: Dimitrie Cantemir University, Targu Mures

- 📍 **Country: Spain**
- 📅 07/03/19
- ⌚ Duration: 2h
- 📍 Location: Fundation Universitat Jaume, Castellon



The mentoring program (online and / or face-to-face of female students in STEAM areas and teacher training in each country will start in September

2nd Transnational E-STEAM Meeting: 6-7th May, 'Dimitrie Cantemir' University of Targu Mures, Romania

The **Second E-STEAM Transnational Project Meeting** was held in Romania, in Targu Mures, at the Dimitrie Cantemir University, Conference Room: Serafim Duicu Library, on 6th and 7th May 2019.



Meeting Objectives

- ☉ Reporting
 - ✓ Partner reports on the results achieved so far
 - ✓ Discussion of problems faced and solutions found and what we needed to improve
- ☉ Intellectual Output 2
 - ✓ Data base: Mentors and Mentees
 - ✓ Mentor and Mentees Portfolios
 - ✓ Mentoring Scheduling
- ☉ Workshop for Intellectual Output 3
 - ✓ Methods and Activities for the E-STEAM Training Programme
 - ✓ Practical issues concerning the Training Programme
 - ✓ Partners shared the competency based activities they had brought
- ☉ Meeting the local stakeholders and target groups
- ☉ Intellectual Output 4 - Interactive Platform
 - ✓ Data base of Mentors and Mentees on line
 - ✓ Issues & problems to be solved
- ☉ Monitoring and evaluation activities, project promotion activities
- ☉ Finance & Reporting
- ☉ Quality Assurance - Internal Evaluation
- ☉ Project Planning



The President of the Board of Directors, PhD. Andrei Alexandru Murgu, Rector Prof. PhD Mircea Simionescu and Sorina Mihaela Balan from UDC welcome the E-STEAM project partners.

All participants introduced themselves in the opening of the transnational meeting. Each partner presented a REPORT (ProF RO;FPSLD BG; iED GR; FUE-UJI ES;DCU RO) The project coordinator briefly reviewed the project's work.

The Portuguese and Spanish partners had already disseminated the results of the project in two publications, in printed and online newspapers.



Workshop for Intellectual Output 3

Angela Cotoara, from Fundatia Professional held a dynamic workshop on Intellectual Output 3.

Each partner indicated two counter-stereotypes for each identified stereotype and one activity to work with, based on the suggestions of the Support Boards of the respective country. Angela ran the workshop in order to identify the counter-stereotypes, mostly chosen by the partners, presenting later the final table with the counter-stereotypes and suggestions of activities.

Angela also gave a presentation on 'The Constructivist Learning Theory', which is recommended to be used for devising the E-STEAM Training Programme.



Stereotypes and Counter Arguments

1. Girls lack confidence in their STEM skills

- 1.1. Women belong to STEAM when the context is favourable and inclusive.
- 1.2. There are many examples of women which gave and still give relevant contribution in STEAM and girls can find these role models.
- 1.3. Women contribution in making better decisions and better products in STEAM is more important than ever.
- 1.4. When STEAM becomes STEAM women tend to be more interested in taking up such a career.

2. Boys are more often associated with STEM

- 2.1. Every year more and more girls are enrolling for STEAM (BG&RO) at University level.
- 2.2. STEAM disciplines are the present and the future of creativity and innovation and girls can experiment that as well.
- 2.3. STEAM programs can benefit society by increasing both girls and boys awareness of STEM

3. Girls are hardworking but boys are considered skilful in STEM.

- 3.1. Both boys and girls are hardworking and skilful in STEM when motivated.
- 3.2. Girls have to consider future careers in STE(A)M as they are better paid.
- 3.3. It is not a matter of talent for STEM, it is a matter of cultural biases, national opportunities and self-efficacy.

4. Boys are oriented to achievements, girls to feelings and caring for society.

- 4.1. Feelings and caring for society don't exclude achievements.
- 4.2. STEAM becomes a necessity in the 21st c.
- 4.3. If technology goes well with arts, then women's potential in these jobs is not less than that of men's.

Disemination Symposium for Students and DCU Teachers

Platform Accesses

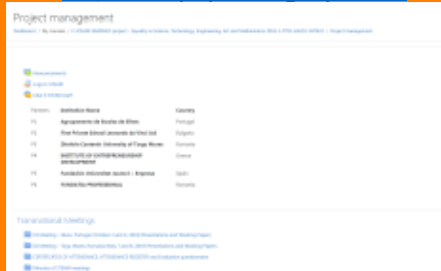
E-STEAM Web page

<http://e-steamerasmusproject.com/>



E-STEAM Platform

<https://moodle.aesilves.pt/moodle/course/index.php?categoryid=28>



Facebook page

<https://www.facebook.com/ESteamErasmusProject/>

Youtube E-STEAM channel

<https://www.youtube.com/channel/UCuZz0IRIO-k0cvemLsZbwMA>



<https://www.youtube.com/watch?v=hLqw4AemcR8>

Disemination Symposium for Students and DCU Teachers, 7th May 2019



The DCU partner institution organised a Project Dissemination session on behalf of Dimitrie Cantemir University of Targu Mures with more than a hundred teachers and students. The project was very well received by the audience.



Lecturer PhD Balan Sorina - Mihaela, from "Dimitrie Cantemir" University of Târgu Mureş, Romania presented female student entrepreneurship activities that took place within the university.

Vice-Rector, Univ. Dr. Doina David, "Dimitrie Cantemir" University of Târgu Mureş, moderated the whole activity.

Angela Cotoara, Professional Foundation President, Tg.Mures, Romania, presented the project objectives and the results pointing out what Albert Einstein once said: "The most beautiful thing we can experience is the mysterious. It is the source of all true art and all science."



E-STEAM PARTNERS

name and cont@ct

Agrupamento de Escolas de Silves - PT



www.aesilves.pt

Leonardo da Vinci First Private School - BG



www.pleonardo.com

Institute of Entrepreneurship Development - GR



<https://ied.eu>

Foundation Universitat Jaume I Empresa - ES



www.fue.uji.es

Universitatea Dimitrie Cantemir – RO



<http://www.en.cantemir.ro>

Fundatia Professional – RO



www.professionalcentre.ro



"E-STEAM Family"