

CYPRUS Newsletter (May 2019)

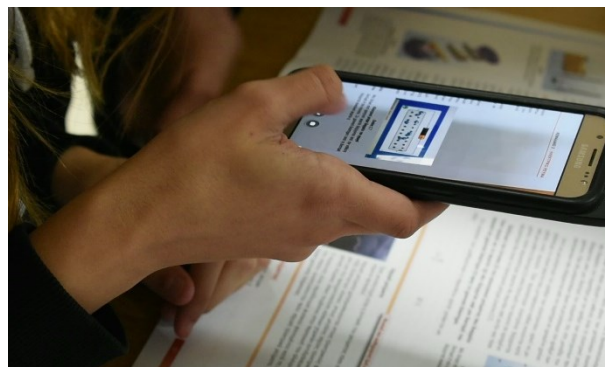
1st Teacher Training / Cyprus, February-May 2019

The “Augmented Reality (AR) STEM Teachers Professional Development Programme” in Cyprus was implemented between February-May 2019. The programme was offered by the **European University Cyprus**, in collaboration with the **Open University of Cyprus** and the **Gymnasium of Palouriotissa**.

The Face-to-Face (F2F) topics included:

- Introduction to STEM, inquiry-based education, interdisciplinarity / collaboration activities to create interdisciplinary Lesson Plans concerning STEM topics / discussion.
- Introduction to VR/AR/MR technologies – practice with HP Reveal (Studio + Application) / navigation through existing repositories of AR Learning Objects / Development of Lesson Plans supported by VR / AR / MR technologies / discussion.
- Practice with Scratch / examples of AR games / discussion.
- Practice with Unity / examples of applications / discussion.
- Observation and Reflection of Lesson Plans developed during the training / Share of AR Learning Objects and Lesson Plans with the community of AR STEM teachers of the EL-STEM project.

These constituted the first “Augmented Reality Teachers” group in Cyprus! It was an exciting journey from traditional to augmented environments, through many interesting applications and examples.



**“It was an exciting experience!
I am definitely going to apply
AR in my classroom!”**

(Paraskevi, Teacher)

**“It needs time and effort to
learn an innovative technology
such as AR, but strong will is
always the key to have great
results.”**

(Sotiris, Teacher)

**“The difficulty lies in bringing
Augmented Reality educational
content in line with the
curriculum.”**

*(Andri, Myria, teachers of
Palouriotissa Gymnasium – Project
Partners)*

**“Motivating teachers to
collaborate and experiencing the
positive aspects of using AR in
their classrooms remains a critical
challenge for us...”**

(Stathis, Project co-ordinator)

EL-STEM Teachers’ Trainings Main Objectives

- LEARN, EXPERIENCE, CREATE in the context of STEM education using the innovative technology of Augmented Reality!
- Become an AR teacher willing to prepare students for their 21st century future studies and careers!

ENLIVENED LABORATORIES WITHIN STEM EDUCATION

Motivating EU students to choosing STEM studies & careers and improving their performance in courses related to STEM education

Teachers' Professional Development Program – Cyprus 2019

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Project website elstem.eu/

Learning Platform elstem.ouc.ac.cy

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CYPRUS TEACHER TRAINING IN NUMBERS!

24 Secondary Education Teachers of STEM-related courses and 6 Primary Education Teachers were selected to attend the programme, which was delivered in a blended approach, including participation in the online course and five (5) F2F meetings of three (3) hours each.

At the end of the programme a total of 20 teachers shared their ideas and presented their work, including Lesson Plans and Learning Objects supported by Augmented Reality.

Additional Teacher Training events are scheduled by EL-STEM Partners in Cyprus throughout Fall 2019. Stay tuned!



EL-STEM Project Partners

