

## GREECE Newsletter (March 2019)

### **Teacher Training / Athens, January - February 2019**

The “Augmented Reality (AR) STEM Teachers: Professional Development Programme” in Greece was implemented between January - February 2019. The programme was organised and hosted by Doukas School..

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

- Introduction to STEM, inquiry-based education, interdisciplinarity / introduction to the project / Our own STEM case study / Introduction to VR/AR/MR technologies / introduction to the EL-STEM Lesson Plan template
- AR tools / HP Reveal hands-on activities / Creation of LOs with HP Reveal / Metaverse hands-on activities / Creation of LOs with Metaverse / HP Reveal in an EL-STEM lesson plan
- Presentation of more advanced AR tools / Introduction to Unity and Finite State Machine development / EL-STEM experimental application with VR Glasses / The EL-STEM community / Q&A and Reflection time session

**The participants consisted mainly of STEM subject teachers, 2 school principal, a Chemistry University professor and a university student (future educator).**



**“Agree with the fact that we should focus on the presence of an interdisciplinary approach when teaching STEM and think that AR technologies can play a role in future STEM studies”**

*(Daphne, Science Teacher)*

**“AR possibilities can now be used in a school environment mainly due to its implementation by using an everyday device such as our mobile phones”**

*(Dimitris, 2ndary Ed. School principal)*

**“It is important to stay up to date when it comes to introducing technologies in the learning process. Always looking for a new challenge!”**

*(Eirini, schoolteacher)*

### **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 21<sup>st</sup> century future studies and careers!

## ΣΕΜΙΝΑΡΙΟ ΕΠΙΜΟΡΦΩΣΗ ΕΚΠΑΙΔΕΥΤΙΚΩΝ STEM

Σας προσκαλούμε στο σεμινάριο επιμόρφωσης, στο πλαίσιο του ευρωπαϊκού έργου, ERASMUS+, EL-STEM τις παρακάτω ημέρες και ώρες:

- Σάββατο 26/1, 10:00 - 14:00
- Τετάρτη 30/1, 10:00 - 14:00
- Σάββατο 2/2, 10:00 - 14:00

Το σεμινάριο θα πραγματοποιηθεί στο χώρο της Βιβλιοθήκης των Εκπαιδευτηρίων Δούκα. Η συμμετοχή είναι δωρεάν.

Οι ενδιαφερόμενοι μπορούν να δηλώσουν συμμετοχή [εδώ](mailto:t.economou@doukas.gr) ή στέλνοντας e-mail ([t.economou@doukas.gr](mailto:t.economou@doukas.gr)).

\* Οι συμμετέχοντες θα λάβουν βεβαίωση παρακολούθησης  
\*\* Ο αριθμός συμμετεχόντων είναι περιορισμένος και θα τηρηθεί σειρά προτεραιότητας

Ομάδα Έργου Εκπ. Δούκα: Οικονόμου Β., Μανούρη Ο., Οικονόμου Θ.



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## GREECE TEACHER TRAINING IN NUMBERS!

In total there were 12 participants and 3 main presenters. Out of the 12 participants there were 10 teachers, out of which 2 school principals. There was also 1 Chemistry University professor and 1 future teacher who had just graduated from University.

There were 12 presentation sessions and 4 workshop sessions. In total the presentation sessions lasted 7.5 hours and the workshops 2.5+ hours.



## EL-STEM Project Partners

