

# emphasys centre

Erasmus+ Courses

## STEAM Course for Primary Schools



The course based on Edison, Anki Cozmo, Lego Boost and Lego Mindstorms robotic kits where programming is introduced through block-based coding using tablets and laptops. 3D design and printing are introduced with the use of the TinkerCAD online platform where the learners have to come up with solutions for everyday tasks.

Video Game design is also used to introduce basic programming skills in an enjoyable way with the use of the SCRATCH 3.0 online platform. Students will get to try their creations by importing their designs in the Virtual Reality headsets and experience in the virtual world what they have designed.

### CULTURAL EXPERIENCE

- A multicultural and diverse experience
- Rich cultural program
- Visits to schools
- Nicosia City Walk & Bicycle tours

### POSSIBILITIES FOR FUNDING

- Schools, organisations, non-governmental organisations (NGOs) can apply for staff mobility funding to support the professional development
- Funding is offered through the Erasmus+ program under the KA1 (Key Action 1) Learning Mobility of Staff

### EXPERT ADVICE AND GUIDANCE

- Staff made of qualified, experienced, dedicated and enthusiastic teachers
- Main objective is to implement a high quality training course, which will lead the learner to success

### CONTACT US FOR SUPPORT

- Individual guidance and support for the application process can be provided
- Useful information and step-by-step guidance can be found on our website
- You can also contact us by email or telephone for any inquiries you may have

**MON** An Introduction to Robotics using Edison Robots and Anki Cozmo. By using this, students will learn to construct a variety of different robotic contraptions and control them with applications from smartphones and tablets.

**TUE** Continuing with Robotics with the use of Lego Boost and Lego Mindstorms.

**WED** An Introduction to TinkerCad 3D Design and 3D printing!

**THU** Use of Scratch 3.0 to introduce Video Game Design

**FR** Continuing with Video Game Design and importing designs to VR headsets (Oculus Rift S).

**SAT** Workshops-Presentation's-Portfolio-Evaluation

COUNTRY: CYPRUS

COST: €420 (FULLY FUNDED)

TARGET: YOUTH WORKERS AND PRIMARY TEACHERS

LANGUAGE: ENGLISH, GREEK



<https://emphasyscentre.com/ict-training/european-courses/#courses>



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