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BotSTEM – Erasms+ KA2 Project 2017-1-ES01-KA201-038204

Good practice information

Title of the activity / practice	Joint Through Technology
Origin of the activity	The project "Joint Through Technology" was funded from Google RISE Awards after a successful proposal by mathisis.org team. Coordinators ware Alexandros Kofteros and Matina Marathefti, both elementary school teachers. The aim of the project was to bring together kids from 5-15 and trainers from both larger communities in Cyprus, Greek and Turkish, while learning robotics and programming. Teamwork and other social skills where to emerge, while cultivating peace, love and respect. The program was approved by the Minister of Education, who was also present at the opening of the lessons.

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Age of the students	5 – 15 years old
Target group	Children from both communities of Cyprus (Turkish and Greek Cypriots) Up to 20 children
School subjects + topics concerned	Coding and Robotics
Educational goals of the practice	• Learning goals: To promote coding using various programmes and software, as well as to develop STEAM concepts through educational robotics • Social goals: To fill the gap that was created due to political conditions between the two communities, by bringing together Turkish and Greek Cypriots children
Duration	6 lessons (once a week from January – April 2017), 3 hours duration each
Place	Science & Space café Nicosia
Short description of the activity	Each lesson was divided in 2 workshops: Coding and robotics. Each lesson had a different topic. Children were divided according to their group age and they attend the activities of the 2 different workshops, with a short break, in between.
Materials / Resources / technical requirements	• Software and robotic kits: Run Marco, Light Bot, Scratch, Scratch junior, 3D printing, Robot Mouse, Engino, Lego WeDo2, Lego Mindstorms EV3, Meet Edison etc. • Computer lab

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