

STEAM Elevator pitch for Iraklia's Junior High School

Our students have never been involved in STEM activities and disciplines such as science, technology and maths are taught separately according to each subject's curriculum.

This year Skills Labs have been introduced into the curriculum of junior high school and it is the perfect opportunity to combine STEAM with various subjects in order to provide a more holistic approach of teaching and learning.

The school has been recently equipped with a set of lego mindstorms which was donated by the parents' association. The proposal is to organize a group of students which will act as ambassadors for the promotion of ATEM education at school. With the help of the ICT teacher and the teachers of the other subjects students will create learning activities combining robotics with English, Maths, Technology, Science, History, etc,

Every month, in the context of the skills lab curriculum, students and teachers will be responsible for creating a learning activity and present it to the rest of the school community. The activities will be recorded and will be assessed in terms of peer evaluation with the help of a rubric. The cost of the activities is manageable and can be covered by the parents' association or the school committee for the purchase of any extra materials needed for the activity.

At the end of the school year all the activities can be uploaded to the school's web page. This way the dissemination of STEAM activities will take place. The expected results of the proposal will be the creation of more student groups for the next year and the purchase of more STEM equipment for the school.