

elevator pitch

My name is Alexandros Parousinas. I am a computer science teacher at public Greek high school under the guides of Greek ministry of education and I represent all of my school colleagues.

In our education it is very important to take consideration the needs of all the students, providing educational programs that support differentiation learning, with the help of appropriate STE(A)M education policy at our school.

We want to give the ability to all the students of our high school ages 12 to 15 years old to exploit their interests and their needs about all the disciplines of a STE(A)M project .
Want to develop their motivation via the prism of differentiation learning with appropriate STE(A)M educational problem based learning activities.

We propose to establish a STE(A)M club into our school with collaboration of our teachers and with participation of our students according to their ages separate it into groups. Each group guides by a mentor – teacher from our school.

At the beginning of the school year and according to the needs and the interests of the students its group of the club has to implement a STE(A)M project, producing an appropriate content.

The theme of the project could be connected with the local community or with wider environment.

At the end of the school year, we organize a STE(A)M view day where all the groups of our STE(A)M club present to school and local community their works about their projects.

By the end of the STE(A)M view day all the projects uploaded at the web page of school under the STE(M) club menu and remain accessible for all the community.

All these project, about the establishment and operation of STE(A)M school club will cost approximately 1.500 Euro for the equipment and refreshing of school labs and the initial training of mentors and teachers of STE(A)M club to experts educational STE(A)M programs. The cost of implementation of STE(A)M view day will cover it by the municipality authorities and local community.

The proposal STE(A)M educational policy will take place from January until the May of each school year, where the STE(A)M view event will take place at the end of May for 1 day.

The active participation of students at STE(A)M school club is a matter that has to give extra attention. Have to ensure that take consideration the needs and interest of all students and give them the opportunity to engage with STE(A)M projects.

In addition the success of this policy will increase the self confidence of students and connect the school with local community furthermore .

A chance for us, is to give to our students students “guides” for their job careers at the framework of STE(A)M disciplines.