

Hello, I'm Anthitsa Gkougkoustamou, a 20year experienced teacher teaching Biology and Chemistry in public middle High School.

I'm delighted to be here representing a group of 20 of our teachers who are eager –with your valuable help- to make a change in the educational opportunities our municipality offers to the 350 students aged 12-14 that attend our school.

Should you approve the educational policy proposed here, the whole school community, 1000 citizens, will be affected -teachers, students and their parents.

## Boosting up our students' 21st Century Skills through STE(A)M



Photo by Ryanniel Masucol from Pexels

- Ever-**changing** world...
- Students **detached**...
- School **not fulfilling** its role in preparing youngsters for the challenges of real life.

What can we –as a society- do in this rapidly and continuously changing world we live in to prepare our youngsters for whatever comes? Students see school content as irrelevant to their needs and become passive attendants. Thus, in the current situation, our educational system fails to provide what is necessary for our children's well-being. This has to change and now is the time to do so.

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Photo by Ivan Bertolazzi from Pexels

- Augment our **students'** self-awareness, help them dream big and master fundamental life skills...
- ..with properly trained **teachers**.

Our educational policy proposal aims at the heart of the problem. With the proposed STE(A)M approach in teaching school curricula we focus on activating our students' interest through real life problem-based and team based learning. In this way, knowledge, skills and attitudes crucial for a successful future will be cultivated. Of course, this can only be possible through the appropriate training and professional development of our teachers.

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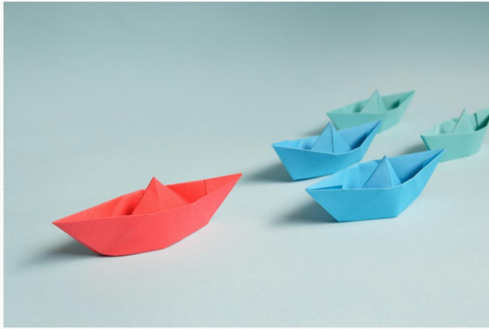


Photo by Miguel Á. Padriñán from Pexels

- Student-centered, STE(A)M oriented school fulfilling its role in preparing the citizens of the future.
- Lead the way for other schools to follow.

By implementing this educational policy we will lay the foundations to become a STE(A)M oriented school to help our current and future students flourish. This will have a greater impact to other schools in our region to start their own efforts towards adopting similar practices for their students as well.

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- **Priceless investment** to our childrens' future...
- ...yet comes at a cost of **5000 euros** in total.  
(3300 for tablets, laptop and network infrastructure, 1500 for field trips and project materials and 200 miscellaneous)

The great impact this educational policy will have on the prosperity of our students, makes it a valuable investment for our country's future. The estimated cost of the whole project sums up to 5000 euros, including costs for the purchase of technological equipment and for field trips as part of some of the STE(A)M activities.



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- **2-year project** including:
- Workshops,
- Seminars,
- Attendance of MOOC courses offered by the European Schoolnet Academy,
- Weekly meetings of the engaged teachers (intra-school network)
- Meetings with parents,
- Design and implementation of STE(A)M activities,
- Pre- and post-evaluation processes.

The project is designed to last 2 years and has 2 main pillars. The first one is the professional development of the engaged teachers so as to become competent in applying the STE(A)M methodology. This will be accomplished by attending seminars and a MOOC course offered by the European Schoolnet Academy, organizing workshops at the beginning of each year and establishing an intra-school network of mutual support. The second pillar has to do with the implementation of the designed activities and the involvement of parents in this as well. Pre- and post- evaluation will be carried out at the beginning, at the end of the first year and at the end of the second year.

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Image by Peggy und Marco Lachmann-Anke from Pixabay

- Risks are estimated to be of low probability and not significant severity.
- In any case, mitigation strategies will ensure that obstacles will be overcome.

Risk assessment shows that there are not obstacles that cannot be overcome. Proper mitigation strategies are taken into account to ensure the completion of the project doing some modifications if necessary.