ABSTRACT: EXPLORE, EXPERIENCE, ENHANCE THE TECHNOLOGY.

The term 21st Century (called technological era) skills, has brought many requirements in terms of education. It makes essential different constructions, innovations and reforms including meaningful and lifelong learning. In this aspect, TPACK(Technological Pedagogical and Content Knowledge) has come into prominence expeditiously. TPACK is a framework for teacher knowledge for technology integration.

Knowledge that teachers need to effectively integrates technology into teaching subject specific curriculum within specific contexts .Briefly, technology changes not only what the teachers teach but also how the teachers teach. Role of the technology to better impact on students learning gains importance day by day. In current project each partner use technology in their classes in a way but the essential thing is the knowledge of the correct usage of technology by means of TPACK.

With this project each partner ll have opportunity to learn not only TPACK but also the effective usage of Web 2 tools in classes and interdisciplinary CODING; the alphabet of new era, inintended context by attending the lectures and exchanging of good practices among the partners from Germany as a coordinator country, England, Turkey, Lithuania, Italy and Spain. In the scope of the current project apart from observing the good implementations of partners and making inferences, our objectives on teachers and students are to:

-raise communication and social skills, gain them self improvement, improve their technological, pedagogical and content competences
-supply an opportunity to algorithmic and analytical thinking, enhance their productivity
-develop their teaching proficiencies with the implementations used in EU countries
-to improve digital competences
-strengthen pupils' motivation towards the school subjects by using the technological methods
-supply an opportunity to algorithmic and analytical thinking
-gain problem solving ability and expressing themselves independently and creative thinking
-teach them the importance of obeying the rules and the results of them
-gain them the knowledge of responsibility, raise environmental awareness, the importance of recycling,
-gain them the emotions of success and self-confidence
-improve their competences, gain lifelong maintained experience
-gain them sense of entrepreneurship to adapt to developing world
-gain them the knowledge of the correct usage of technology and improve digital competences
-gain them permanent learning by concretizing of abstract concept

In current project, in order to reach our goals there will be six learning teaching training activities in each partner country.

Two of these activities are for the educators and the others are short term exchange of group pupils. At first, each partner will build a project management team under the guidance of contact person of the country. All activities have been planned for the students who are between 10 and 18 and their teachers. The project team of each partner will decide the students and teachers according to the criterions.

In the activities, the effective usage of TPACK is aimed and during the project, Coding and Web 2.0 tools will take place to support our students and teachers in the digital era that we live in. At the end of the project the educators will be able to improve their digital

competences by attending the meetings and applying the activities;raise their skills and competences. They will be able to adapt themselves and their classes to the changing world. In terms of the students, they will be able to improve their sequential, analytical and algoritmic thinking, improve digital competences by using technology in classes including integrating CODING.