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Consortium:



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CREATESkills

Social Learning for STEM in Primary Education





THE PROJECT

The **CREATEskills** project is designed to develop and implement innovative practices, tools and methodologies in primary schools for the establishment of STEM studio classrooms, improving the quality and relevance of the learning process in primary education, more specifically regarding the attractiveness of STEM (Science, Technology, Engineering and Mathematics) subjects.

Through hands-on activities and based on Social Learning Theory approaches, **CREATEskills** will contribute to the development of 21st century skills among students.

RESULTS

CREATEskills will develop, test and implement:

- Methodology for STEM Education in primary schools including a Toolkit with STEM teaching materials for primary school teachers;
- Web-Platform with a Virtual “Teachers Room”, Virtual Library for resources, a Photo Gallery with home activities and DIY projects for children and family.



TARGET GROUPS

The direct target groups will be primary school students (6-12 years of age), teachers, parents and School directors. We would also like to reach out to the wider community, namely Science-related Researchers and Organisations, establishing a bridge between schools and work environments.

OBJECTIVES

Through the accomplishment of the results, the project will contribute to the current EU school context, by:

- Promoting inter-disciplinary pedagogical approaches, through the collaborative development and implementation of a STEM related methodology for primary students (Toolkit);
- Increasing primary teacher’s involvement in experimental education by testing and using the Toolkit and engaging in several activities of the project;
- Promoting critical thinking and 21st century skills at an early childhood education (Toolkit, DIY projects);
- Improving the motivation of European students to scientific culture and professions, as result of the participation in exciting activities with a strong scientific and pedagogical component and contacting professionals that use this knowledge in their day-to-day work;
- Contributing to the minimisation of early school dropouts transnationally, as a result of the increased motivation for classes and a wider perspective of possible career options, including those connected to scientific fields, with special note to foster gender mainstreaming.