



CREATEskills
Social Learning for STEM in Primary Education

1st Edition – 2018



Why CREATEskills?

CREATEskills is a two years' project co-funded under the Erasmus+ programme which is led by Mentortec with 7 other partners from Portugal, Spain, Greece and Lithuania.

It is designed to develop and implement innovative practices, tools and methodologies in order to improve the quality and relevance of the learning process in primary education, more specifically regarding the attractiveness of **STEM** (science, technology, engineering, and mathematics) subjects.

Who are the target groups?

The direct target groups will be **primary school students** (6-12 years of age), their **teachers** and **parents**, as well as **school directors (school heads)**. In order to establish a bridge between schools and work environments, the wider community, namely **Science-related researchers and organisations** will also be reached.

What are CREATEskills' aims?

- Promoting inter-disciplinary pedagogical approaches
- Strengthening the profile of primary teachers and their involvement
- Promoting critical thinking and 21st century skills at an early childhood education
- Improving the motivation of European students to scientific culture and professions
- Contributing to minimize early school dropout transnationally

Transnational Project Meetings (TPM)

Two TPM have occurred during this project 1st year, which were determinant to keep **CREATEskills** on a good track and complying with the project timeline. Partners had the opportunity to discuss not only the implementation of the above-mentioned Products, but also more transversal activities and future events. Namely:

- Kick-off Meeting, held in Matosinhos, Portugal: 13th and 14th of December 2017
- 2nd Meeting, held in Murcia, Spain: 26th and 27th of September 2018

Until the end of the project, two more are planned: in Greece and Lithuania.



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PROJECT PRODUCTS

“Socially Learning STEM in Primary Education - Guidelines towards a common framework”

Literature review and field research. A solid and updated basis of knowledge about the state of play, real needs & gaps and future education (with the suggestion of scenarios and guidelines for policymakers) related to STEM learning and the development of the 21st Century skills at primary level. For that, desk but also field research was developed and partners have inquired more than 200 teachers, 200 students, 100 parents and 20 school directors in all 4 countries represented in the partnership. The national reports about have been finalized as well its compilation into a generic report. Now the partnership is making the final revisions and consequent translations.

Platform “STEM on the WEB”

Development of an animated Web Platform that will include:

- Online network for EU teachers - a “virtual teacher’s room” for sharing materials, practices and experiences;
- Virtual Library with relevant documents, research studies, articles and other sorts of information regarding STEM learning, where teachers will be able to upload/download teaching tools and materials;
- Photo Gallery with home activities and DIY (do-it-yourself) projects for children and family.

At least 30 parents will participate in 4 workshops (one per country) on how to use the web-platform, also in collaboration with teachers: **Workshop 4 Parents “STEM on the WEB”**

Toolkit “Tools to Socially Learn STEM”

- Design of the Toolkit activities and implementation of the national Pilot Testing within 4 primary schools
- Development of a Teacher’s Guide
- Development of a Guide of Recommendations of Practices for Future Implementations in other EU Schools.
- One **Joint Staff Training for primary level STEM teachers**. The involved teachers will have the opportunity to multiply and transfer their learning experience to other teachers and professionals
- Multiplier Events: **School Event “Performing Science”** for parents and community with a science contest “Discover YoUR Science” and demonstrations by a Researcher (one per partner country);
- One **Final Conference “STEM Learning @ Primary Schooling”**

Find us on 

www.createskills.eu

For more information, please contact: mentortec@mentortec.eu

CONSORTIUM



Chanla Directorate of Primary Education



R&D and innovation management



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