



2nd Edition – May 2019



What's new?

The **Platform “STEM on the WEB”** is fully operational and schools already started to disseminate it among students, parents, teachers, school directors and other national contacts.

Also, the **Toolkit “Tools to Socially Learn STEM”** exceed the expectations and has 41 STEM activities to be developed with students from primary schools in the age range from 6 to 12 years old.

Additionally, the **Learning Teaching Training Activity** took place in February in Athens, with 25 teachers from the 4 partners' countries that had the first contact with the toolkit activities.

Platform “STEM on the WEB”

This resource encourages the collaboration between students, teachers and parents on a joint European level in the STEM subject field as well as promotes a social learning environment. It is organized into three sections:

Virtual Library: A place dedicated to keeping relevant documents, research studies, articles and other sorts of information regarding STEM learning; as well a place where teachers can upload/download (free of charge) teaching tools and materials.

Virtual Teacher's Room: Where teachers from all EU can directly connect with each other not only to share teaching materials and practices but also their thoughts, ideas and experiences. Where teachers can engage in the discussions of teaching theories and methods for STEM learning of young students.

DIY Photo Gallery: Photo Gallery for parents from all EU countries to share their home activities and Do It Yourself (DIY) projects. There is a list of activities and DIY projects available for parents to experiment at home with their children and family members.

Schools partners started in April to disseminate the platform among students, parents, teachers, schools directors and other national contacts. Through the **Workshop4Partents**, parents and teachers gave positive feedback to the Web Platform. The DIY activities are interesting and practical, which promotes the development of skills that youngsters need in the 21st century.



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Toolkit “Tools to Socially Learn STEM”

The **Toolkit** gathers 41 STEM activities organized by age range: from 6 to 9 years old, from 10 to 12 years old and all ages. Also, a Teacher’s Guide was developed by the consortium to support teachers in the implementation of the activities with students in the classrooms. Both resources aim to strengthen the involvement of primary teachers and promoting inter-disciplinary pedagogical approaches.

A **Joint Staff Training** took place in February in Athens and exceeded expectations joining 25 primary level STEM teachers (from 4 partners’ countries) for three days for demonstrations/simulations of the implementation of the activities. In this way, the involved teachers have, now, the knowledge to multiply and transfer their learning experience to other teachers and professionals. Furthermore, they started the pilot phase, where they develop the activities with their students as most interactive as possible, improving their motivation to relevant scientific matters and discoveries.

The Multiplier Event “**Performing Science**” for students, teachers, parents and community with the science contest “Discover YoUR Science” is having success in schools since students are motivated and engaged in demonstrating STEM experiences. Also, the researcher in the field has been invited to go to schools and talk about the experiences that they are developing, instigating them to the work field on the STEM subject.



Consortium:  mentortec



MetisBaltic
R&D and innovation management



Find us on 

www.createskills.eu

For more information: rita.sousa@mentortec.eu



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