



Improving educators' skills in inclusive STEM lessons creation

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to access STEM by STEM
project resources!



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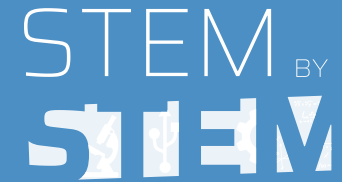
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The results of the STEM by STEM project

STEM materials and resources
for teachers and educators



Co-funded by
the European Union

Focus

STEM by STEM - Improving educators' skills in creating inclusive STEM lessons is a project funded by the European Commission under the Erasmus+ programme: KA220-SCH - Cooperation partnerships in school education, with the aim of developing and providing teachers and educators with accessible and easily replicable STEM teaching resources in school contexts.



The results of the STEM by STEM project

Toolkit with guidelines for developing STEM lessons which has been planned to support teachers and educators in creating engaging and effective STEM lessons. The toolkit provides a range of information, practical guidance and lesson plans divided into four areas: robotics, electronics, 3D printing and interdisciplinary projects.

34 STEM Lessons created in collaboration between teachers from the schools involved in the partnership and contact persons from the partner organisations, collected in our online wiki.

Online Wiki with STEM lesson and educational materials, where the STEM lessons and supporting materials are published, with hints and tips for innovative STEM teaching in the classroom. The lessons are ready to use in the classroom and are freely available to anyone involved in STEM education in schools. The lessons and resources are free of charge and available in 5 different languages (English, Italian, Spanish, Bulgarian and Romanian).

Video interviews conducted in collaboration with teachers and educators from the schools involved in the project, who shared their insights and reflections on the importance of using robotics, 3D printing and coding in educational practice in the classroom.



Final events

Final project events were held in each country to showcase the results of STEM by STEM: teachers, educators and stakeholders interested in STEM education were given the opportunity to test some of the STEM lessons in the online Wiki, which they could later use in their educational practice together with their students in the classroom.

This will further promote engaging and innovative STEM education.