

DECEMBER 2023

Newsletter #4



STEAM
ing ahead

Fostering critical thinking,
problem-solving and creativity



The key role of teachers

In our world where change and development are inevitable, raising individuals who can catch this speed and perhaps add positive momentum to this speed is one of the primary goals of every society.

The realization of this goal, in a sense, is to raise students, the founder of tomorrow, as individuals who question, research, design, solve problems and show their creativity. Today, the STEAM approach is given great importance in terms of realizing these goals and research on the gains that can be obtained with the use of this approach are continued.

The use of STEAM can create a learning environment that encourages exploration, critical thinking, and practical application of knowledge. This helps students acquire essential skills for their academic and real-world success, based on the national curriculum and the competencies profile of the students. It can also guide teachers' pedagogical practices.

After reflecting on its use, some guiding principles for educational practices have been highlighted by the teachers involved. Watch the video to learn more about their experiences during the project.

**[Click here
to watch
the video](#)**



opening doors to new and exciting pedagogies where teachers can be confident that they are helping to meet the needs of their students today and in the future.



STEAM
ing ahead

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www.steamingahead.eu



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Download the STEAMing Ahead materials and use them in your classroom

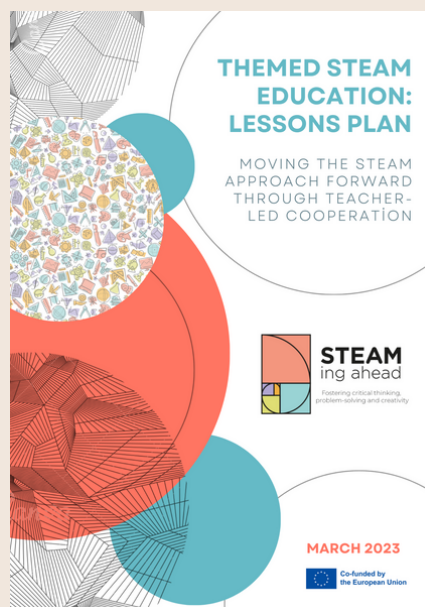


Methodological Guide

Strategies, Methodologies and Analysis: Preparing teachers to apply a STEAM approach through the application of the Golden Ratio.

Themed STEAM Education

Lessons Plan. Moving the STEAM Approach Forward Through Teacher-Led Cooperation. Interdisciplinarity and integration of knowledge.



Türkiye Classroom Workshops

The application lasted 6 weeks and 11 students in the 4th grade participated in the application. The application was carried out outside school hours, in accordance with the interdisciplinary approach, with 6 teachers and one administrative staff.

[Click here to watch the videos](#)



Portugal Classroom Workshops

The application lasted 10 days in 2 different weeks and 18 students in the 4th grade participated in the application. The application was carried in school hours with the teacher of the classroom.

[Click here to watch the videos](#)



Italy Classroom Workshops

The application lasted 6 weeks and 14 students in the 7th grade (13 years old) participated in the application. The application was carried out during school hours, in accordance with the interdisciplinary approach, with 7 teachers.

[Click here to watch the videos](#)



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