

AI in STEAM Education to develop a critical understanding of AI and prepare learners on AI literacy

Project Number: 2024-1-PL01-KA220-SCH-000245655

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The **AI2Schools** project aims to develop **AI-related competencies and skills** among students and teachers, while promoting strategies for integrating AI into secondary education. To achieve this, the project will provide **guidance, training materials, and a variety of scenarios** to help teachers both introduce students to key AI concepts and use AI-based tools to make traditional learning more efficient.

The project also demonstrates how AI can **significantly enhance self-learning** and **problem-solving skills** for people of all ages, educational backgrounds, and interests. These techniques are applicable not only across **a wide range of school subjects but also to everyday problems**.

The project started **on December 1, 2024, and will run until December 2027**. AI2Schools involves four educational organizations and four high schools from **Poland, Greece, Germany, and Italy**.

## Specific objectives of the project:

- To help educators & learners **understand the core mechanisms of AI and improve their digital skills & competences** for the proper use of AI in the teaching & learning process.
- To facilitate the teachers to use **various AI tools and AI enabled learning scenarios** in the classroom.
- To understand the **impact AI and implications of AI massive implementation** and to develop students' critical thinking on the use of AI.

## Target Groups

### Direct:

- Teachers/educators** of STEM subjects in secondary education.
- Students** 13-17 years of age.

### Indirect:

- Secondary schools and educational **institutions with a focus on STEM**.
- Educational community (**trainers/academics**)
- Local communities**, policy makers, ministries of education, and academic institutions.

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## The Partnership



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Co-funded by  
the European Union

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