



STEAME TEACHER FACILITATORS ACADEMY PROJECT

ABOUT



The **STEAME TEACHER FACILITATORS ACADEMY** project is funded by the ERASMUS+ Teacher Academies Programme, with reference number: 101102619. It is coordinated by the University of the National Education Commission, Krakow (UKEN).

The main project Objectives, among others, are:

1. A STEAME Teachers Facilitators Competence Framework for student and service teachers
2. STEAME Teacher Facilitators Learning Modules/ Workshops
3. An International Sharing Observatory for STEAME Learning Facilitators
4. The STEAME Facilitators Community of Practice/Mentoring and Certification programme
5. Policy Recommendations – European Federation of STEAME Teacher Facilitators Academies

The partners of the project are: Cyprus Mathematical Society (Cyprus), Universidade do Algarve (Portugal), University of the Aegean (Greece), European Association of Career Guidance (Cyprus), Universitatea Spiru Haret (Romania), Asociația "Institutul Pentru Dezvoltarea Evaluării în Educație" (Romania), Plovdiv University Paisii Hilendarski (Bulgaria), Universitat de Barcelona (Spain), Pedagogical Institute of Cyprus, Ministry of Education (Cyprus), Prof. Ivan Apostolov Private English Language School (Bulgaria), Instituto Politecnico Do Porto (Portugal), EUROGEO VZW (Belgium) and Doukas School (Greece).

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European Federation of STEAME Teacher Facilitators Academies



On August 2nd, 2024, the European Federation of STEAME Teacher Facilitators Academies has been officially registered, with registration number HE 461262.

This milestone marks the beginning of a new chapter in our mission to support and unite STEAME Educators across Europe. Our Federation is dedicated to fostering collaboration, innovation, and excellence in STEAME (Science, Technology, Engineering, Arts, Mathematics, and Entrepreneurship) education.

Political Guidelines for the Next European Commission 2024-2029

Our project, the STEAME Teacher Facilitators Academy, is fully in line with the European Commission's political guidelines for 2024-2029, which were announced in July 2024. Our focus on improving basic STEM skills, addressing the shortage of qualified teachers in science, technology, engineering, arts, mathematics, and entrepreneurship, and promoting the involvement of girls and women in STEM aligns with the Commission's priorities for education and workforce development. To read more click [here](#).

European Commission: Political Guidelines 2024-2029



18 July 2024

“ Tackling the skills and labour gaps

We will focus on improving basic skills and propose a **STEM Education Strategic Plan**. This will aim to address the worrying decline in performance and the lack of qualified teachers in areas linked to science, technology, engineering and maths. It should also **bring more girls and women into STEM education and careers**.



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FUTURE EVENTS 2025

SAVE THE DATE

STEAME ACADEMY SYMPOSIUM 2025

Dates

12 - 16 March 2025

Venue

Grand Hotel Palace,
Thessaloniki, Greece

In parallel with EUROMATH & EUROSCIENCE 2025 Student Conference: www.euromath.org

STEAME ACADEMY WORKSHOP AND ROUND TABLE EVENT

Dates

16 - 17 January 2025

Place

Bucharest, Romania

More information [here](#)

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STEAME ACADEMY CONSORTIUM ONLINE MEETING – 20 JUNE 2024



On June 20th, 2024 the STEAME ACADEMY consortium met online to discuss the progress of the project.

Partners mainly focused on the development of the learning modules and workshops (WP3) as the curriculum development should be completed until October 2024, which will include all the modules and workshops established by the partners.

STEAME Teacher Facilitators Pilot Certification programme, in Cyprus

A pilot training and certification programme was designed and organized during February - July 2024 by four of the partners of the STEAME-ACADEMY project. The first piloting STEAME Teacher Facilitators Micro-credential Certification Programme, a 30-hour training and practicum, was completed with the implementation of the STEAME Project-Based Learning (PBL) approach to school students of ages 9-16. A total of 32 teachers completed the training and applied their Learning & Creativity (L&C) Plans during the "Mathematics and STEAME" Summer School 2024, organized by the Cyprus Mathematical Society in Cyprus. The partners involved were, The Cyprus Pedagogical Institute, the Cyprus Mathematical Society, the European Association of Career Guidance and the coordinating institution the University of the National Education Commission in Krakow, Poland. The Certification Programme was set under the patronage of the Minister of Education, Youth and Sport of Cyprus, Dr Athina Michaelidou. The award ceremony is planned to be organized on 2 October 2024.



STEAME ACADEMY FREE LIVE WEBINARS

Join us for a series of **FREE Live Webinars** that promise to expand your horizons and equip you with valuable insights! **From September 2024 until March 2025** our educational experts will dive deep into topics that relate to the 14 Modules developed by the STEAME Teacher Academy project.

View our previous and upcoming sessions [here](#).

STEAME LEARNING SPACE WEBINAR



The STEAME Learning Space webinar, presented by Professor Gregory Makrides, envisions future schools and universities as dynamic, project-based learning environments enhanced by advanced technologies like virtual reality and adaptable spaces. Key priorities include fostering creativity, communication, practical skills, and inclusivity while addressing ethical concerns like equity, privacy, and diversity.

The focus is on evolving educational methods, integrating technology, and promoting digital citizenship. Future STEAME teachers will develop skills in creativity, critical thinking, collaboration, innovation, adaptability, and digital literacy—essential for guiding students in a rapidly changing educational landscape. Find the webinar [here](#).

MANAGEMENT OF THE STEAME LEARNING SPACE/ENVIRONMENT WEBINAR

Presented by Dr. Silvia Alcaraz-Dominguez, this webinar focuses on developing skills to effectively use Virtual Learning Environments (VLEs) for delivering STEAME projects. STEAME projects are interdisciplinary, often requiring students to engage with multiple VLEs across subjects like Maths and Arts. This complexity impacts students' learning experience, including the time and effort they invest in navigating these spaces and completing tasks.



Teachers need to design and manage VLEs in a way that supports instruction while ensuring a smooth learning process. The webinar aims to equip educators with the skills to maximize VLEs' potential for successful STEAME project delivery. Find the webinar [here](#).

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STEAME-Academy Developments and New Teacher Certification Pilot - Presented at the International ERASMUS Week, at University of Piraeus, 24 September 2024

During the International ERASMUS Week at the University of Piraeus in Greece, prof. Gregory Makrides presented the STEAME Teacher Facilitators Academy's latest developments, focusing on re-thinking learning in both school and university education.



The presentation highlighted innovative approaches to project-based learning, interdisciplinary methods, and the integration of advanced technologies. Additionally, the newly established Federation of STEAME Teacher Facilitators Academies was introduced, along with its first pilot micro-credential for STEAME teacher certification. This initiative aims to equip educators with essential skills and qualifications to lead STEAME projects, fostering a new generation of skilled teachers in science, technology, engineering, arts, mathematics, and entrepreneurship.

UPCOMING EVENTS

CYPRUS STEAME Festival

29-30 November 2024



The Cyprus Mathematical Society, partner of the STEAME ACADEMY project, in collaboration with Thales Foundation and other local organizations, organises the 2nd Cyprus STEAME FESTIVAL 2024 on November 29th and 30th, 2024. The event will be hosted at the Linopetra Lyceum in Limassol, Cyprus.

The festival's primary focus is to showcase a diverse array of interactive STEAME learning activities addressed to school students and a set of workshops addressed to school teachers. The Festival is bilingual, Greek and English.

The event is organized under the patronage of the Minister of Education, Sport and Youth of Cyprus.

For more information, click [here](#).

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2nd European Workshop & Roundtable event – Bucharest, Romania 16-17 January 2025 - Call for applications

The STEAME Academy project is organizing its Second European Workshop and Round Table Event on **16 and 17 January 2025, in Bucharest, Romania**. This is a unique opportunity for educators and researchers to explore innovations in STEAME Project-Based Learning through engaging workshops and discussions.

Teachers or researchers interested in participating are encouraged to apply as soon as possible.

Co-funding is available for participants travelling from at least 100 km away.

STEAME-ACADEMY training certificates will be given to all participants.

More information can be found [here](#).

2nd European STEAME-Academy Symposium 12-16 March 2025 Thessaloniki, Greece

The European STEAME-Academy Symposium 2025 will take place from March 12-16 at the Grand Hotel Palace in Thessaloniki, Greece. This event invites teachers, academics, and researchers to present on STEAME (Science, Technology, Engineering, Arts, Mathematics, and Entrepreneurship) topics. It includes research presentations, workshops, and student activities. Selected papers will be published in a special issue of the Mediterranean Journal for Research in Mathematics Education. For more details and registration, click [here](#).

New European STEAME Competition for school teachers and HE student teachers 12-16 March 2025, Thessaloniki, Greece

Participate in the European STEAME Competition from 12 to 16 March, 2025, held during the STEAME-Academy Symposium and EUROMATH & EUROSCIENCE 2025. Submit your STEAME Learning & Creativity Plan, using Project-Based Learning for students aged 12-15. Completed STEAME Learning & Creativity Plans by a teacher, or a group of teachers can be submitted for the competition **by 31 December 2024**. The top 3-6 plans will be presented in person, with awards for the best 3. For more details and the L&C plan template, visit the link [here](#).

[UNSUBSCRIBE TO THE NEWSLETTER](#)

PROJECT COORDINATOR

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PROJECT PARTNERS



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