

THE STE(A)M EDUCATION EUROPEAN ROADMAP (THE SEER) SEMINAR:

How to equip teachers and educators for STE(A)M teaching and learning - STE(A)M training in the European landscape

26 JUNE 2024, 13:00 – 15:00 CEST (ONLINE)

[PLEASE REGISTER HERE.](#)

Objectives of the Seminar:

In this interactive online event, the SEER's team of pedagogy experts will discuss the training needs of teachers and educators for the widespread implementation of STE(A)M Education in Europe.

What are the continuous professional development (CPD) offerings in Europe? Are they sufficient? What about the courses in initial teacher education? And can STE(A)M be realistically aligned with the curricula?

STE(A)M education is an innovative pedagogy, where Science, Technology, Engineering, and Mathematics are integrated with "All" the other subjects in the curriculum to create engaging and contextualised learning experiences for all students. But what constitutes best practice when it comes to STE(A)M Education? Should trainings and courses focus on making teachers proficient on multiple curriculum subjects, or should they empower them with collaborative skills to ensure joint teaching initiatives?

In an engaging discussion with the audience, we will explore key results from our mapping activities with teachers, experts and policymakers and discuss what training is needed to put STE(A)M credibly and durably on the map in Europe.

During the second half of the event, SEER experts and guest speakers from ERASMUS + and other EU funded teacher academies will discuss the impact that these innovative initiatives have on teachers across Europe. Are they sufficient to overcome the lack of integration in the curriculum?



Join the SEER's second seminar to share your views on CPD for STE(A)M education in Europe and help pave the way for 21st century trainings for teachers and educators! **Join in person and using our online tool to contribute to the roadmap:** <https://padlet.com/eunacademy/the-seer-seminar-s-live-feedback-from-the-audience-2024-42y8ayee29ecgttp>

Target Audience:

Teachers, educators, teacher training institutions (TTIs), STE(A)M courses and project coordinators, and all other stakeholders interested in contributing to the conversation on CPD offerings for STE(A)M in Europe.

TIME	SESSION
13:00 - 13:10	Welcome and introduction to the Seminar - <i>European Schoolnet</i> KEYNOTE ADDRESS (TBC) <i>European Research Agency or DG EAC</i>
13:10 – 13:20	The SEER findings (1): Surveying teachers to understand their needs in relation to teacher training on STE(A)M education <i>Hellenic Open University</i>
13:20 – 13:30	The SEER findings (2): Mapping of European STE(A)M CPD offerings for teachers and educators <i>International Centre for STEM Education</i>
13:30 – 13:45	DISCUSSION: Your thoughts on STE(A)M education training. <i>Moderated by European Schoolnet</i>
13:45 – 14:00	Convenience break
14:00 – 14:40	ROUNDTABLE: ERASMUS+ TEACHER ACADEMIES <i>Moderated by European Schoolnet</i> Participants: <ul style="list-style-type: none"> • SpicE, <i>Achilles Kameas, Hellenic Open University</i> • ICSE Academy/proSTEM, <i>Maria Evagorou, Pädagogische Hochschule Freiburg</i> • STEAME-ACADEMY, <i>Gregory Makrides, Uniwersytet Pedagogiczny Im Komisji Edukacji Narodowej W Krakowie</i> • NBS, <i>Elvira Schmidt, Academy Justus Liebig University Giessen</i>
14:40 – 14:55	DISCUSSION: Your thoughts on teacher academies <i>Moderated by European Schoolnet</i>
14:55 – 15:00	Concluding remarks - <i>European Schoolnet</i>

