

## Be a Mentor for your Students

### Student-centred Teaching in Talent Development through STEAM Methodology

Reference programme of the 5-day course (25 working hours)

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Day 1	<ul style="list-style-type: none"><li>• Registration, fundamentals and principles of the course</li><li>• Key components of talent in the context of the 21st century</li><li>• Tools for self-reflection on learning and professional development</li></ul>
Day 2	<ul style="list-style-type: none"><li>• Talent development in the Finnish context. Educational tour in Jyväskylä</li><li>• The STEAM approach in designing specific learning pathways</li><li>• The role of the teacher in the classroom and beyond</li><li>• Treasure in everyone: identifying and empowering individual talents</li></ul>
Day 3	<ul style="list-style-type: none"><li>• Tools for differentiation: project-based, phenomenon- and inquiry-based learning via STEAM</li><li>• Key factors in raising an autonomous learner</li><li>• Assessment and self-reflection in the STEAM learning process</li><li>• Lessons to learn from the point of view of school leadership and educational management</li></ul>
Day 4	<ul style="list-style-type: none"><li>• Practicing STEAM via hands-on experience</li><li>• Ways for cooperation in planning / realising STEAM processes</li><li>• Networking activities</li></ul>
Day 5	<ul style="list-style-type: none"><li>• STEAM-ing Up learning: Maximising motivation and engagement</li><li>• Summary of participants' experiences or portfolios</li><li>• Final reflection on knowledge and skills acquired</li></ul>

While keeping in mind the described learning outcomes (see below), some details of the reference programme may change, and the course is always adapted to the actual needs and requests of the participants.

### Objectives and learning outcomes of the course

Participants will:

- **become aware of the most relevant 21st century skills by developing a deep understanding** of the goals, educational and methodological strategies which seem to be the most relevant in skill development.

- be able to **identify those teacher attitudes and roles that help students towards learner autonomy**.
- get familiar with the basics of STEAM methodology that can help teachers **build up the teacher's mentoring role** and develop a cooperation-based relationship with colleagues and students.
- find out **the 21<sup>st</sup> century ways to identify skills and talent**
- get familiar with approaches of **talent development in a diverse learning environment**
- find their **own ways to adapt and implement** the appropriate approaches and tools in their own educational practice
- **improve communication skills and soft skills**
- **develop their professional skills** through interacting with colleagues of other nationalities, exchanging ideas and experiences
- develop their **international professional network**