



KA1 ERASMUS+ COURSES FOR TEACHERS AND TRAINERS A NEW APPROACH TO SCIENCE

Objectives

The aims of the course are:

- ✓ To introduce new approaches to teaching Science that enable students make meaningful learning and the development of its key competences.
- ✓ To provide strategies and resources to acquire scientific competence and to increase the use of experimental resources in science.
- ✓ To provide teachers with tools and resources to promote the interest of students towards learning science.
- ✓ Encouraging ICT as a tool of learning and collaboration.
- ✓ To share experiences and examples of teaching science in other European contexts.
- ✓ To explore different strategies for presenting the scientific content in English using a methodology based on Content and Language Integrated Learning (CLIL)
- ✓ To provide resources and strategies to adapt content to CLIL methodology in science.
- ✓ To encourage the use of new methodologies for teaching sciences

Target group

The course is addressed to secondary school teachers of Science who wish to acquire new approaches for teaching Science in order to promote the interest of students towards learning science.

Language of course

This course can be provided both in English and Italian

Methodology

The approach used is highly practical, based on the expertise of the course trainers who have a great experience in innovative teaching strategies. Practical activities and practical simulations will be carried out.

Programme

Day 1 – 5 hours

- Differentiation and assessment of scientific knowledge alongside other forms of knowledge.
- Development and application of scientific-technical thinking to interpret the information received.
- Experimental laboratory resources in science.

Day 2 – 5 hours

- Activities and teaching experiences to motivate toward science learning. Tools and games as teaching resources.
- ICT in the classroom. Pedagogical relevance of these resources in science education. Handling different programs for use in the science classroom.
- The teaching of science in other European countries.

ESMOVIA
Training and Mobility

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Day 3 – 5 hours

- Experiences, resources and tools for CLIL methodology implementation.
- Design and planning of a CLIL didactic unit.

Day 4 – 5 hours

- New methodologies for teaching Sciences. Goerudio Approach.

Day 5 – 5 hours

- Visiting to a school in Valencia that use new methodologies in Science education to evaluate the impact of the projects in the educational context.
- Meeting with teachers and students.
- Evaluation and certification.
- Farewell dinner.

Fees

Course fee: 350,00 € (VAT included if sending org. has Intracomunitary VAT)

Amount includes:

- ✓ Preparation for the course
- ✓ Tuition
- ✓ Training materials
- ✓ Administration costs
- ✓ Organizational costs
- ✓ Professional visit to school
- ✓ Small city tour in Valencia
- ✓ Farewell dinner

Requirements

Minimum of 8 participants. For smaller groups, contact us.

Contact

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