



## THE PROJECT

How can young people's interest in science be increased?

16 partners from ten European countries want to break new ground. In CREATIONS, a project funded by the European Union, they develop creative approaches based on art for an engaging science classroom. The partners are planning a variety of events with theatre, photography, exhibitions in which young people can experience an active and playful role within science and research.

CREATIONS will establish a pan-European network of scientists, teachers, artists and students.

The project was launched in October 2015 and runs for 3 years.

## GOALS

CREATIONS aims to improve the skills of young people in STEM (science, technology, engineering, mathematics) and to pool talent to scientific careers by:

- giving students and teachers opportunities to experiment with many different places, activities, personal identities, and people
- simulating the work of scientists and researchers in the classroom
- promoting a better understanding of how science works
- enhancing students' science related career aspirations
- encouraging and empowering science teachers to affect change
- implementing and promoting inquiry-based science teaching and learning
- learning and (self)creating in emotionally rich learning environments
- disseminating and exploiting the results of the project

## EXAMPLES

### art@CMS

Art@CMS is an education and outreach initiative of the CMS experiment at the Large Hadron Collider (LHC), the world's largest particle accelerator at CERN, the European Laboratory for Particle Physics. The CREATIONS Project is setting up school-based projects and art-science collaborations into scientific outreach events, by fostering creative synergies between scientists, students, educators and artists.

### Global Science Opera

The Global Science Opera (GSO) is an initiative in which pupils could interact with scientists, composers with physicists, science teachers with opera educators. Each year students and teachers have to work with a specific scientific field. The network of over 35 countries is collaborating over a web community (digital interaction and live streaming) that helps them come together and co-create.

### Learning Science through Theater

An initiative that gives the opportunity to high school students to stage a play and dramatize scientific concepts and knowledge from their curricula. Writing scripts, composing music, creating settings, costumes and choreography are some of the activities. Students and teachers are supported by scientists and collaborate with them in order to understand the scientific concepts and phenomena that are called to perform.

[www.creations-project.eu](http://www.creations-project.eu)

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