## **PARTNERS**





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Exploring "CSI Effect and Forensic Sciences to boost the appeal of Science to young people and reinforce interdisciplinarity in European High Schools

# www.euro4science.eu

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Improving the attractiveness of research careers and other careers related to STEM (science, technology, engineering, and mathematics) to young people is an important contribution to generate a more skilled workforce capable of facing Europe's challenges. Teenager students are particularly open to the "CSI" thematic and iconography.

This is EURO4SCIENCE's starting point to develop an innovative strategy aimed at mitigating early school dropout and promoting interdisciplinarity and cultural exchanges while favoring social inclusion. The project will provide European schools with innovative practices, tools and methodologies using themes of the forensics sciences, thus contributing to enhance the quality of the learning offer and attractiveness of science-related subjects and careers.

EURO4SCIENCE will develop and test a Forensic Science Education Toolbox and organize "CSI weeks" with a range of activities engaging the whole learning community.

All public materials developed within the project will be available in the project website (www.euro4science.eu) in English, Portuguese, Bulgarian and Polish.

- ♦ The Forensic Science Education Toolbox will consist of a box with materials to carry out experiments in the classroom, along with support documents: students Guide; teachers' Guide; CSI Cases.
- The CSI weeks will include a programme of activities with presentation of "CSI cases"; bioethical debates; conferences with teachers, students, and other stakeholders; Science fair etc.

Besides, several other initiatives will take place in the 4 participating countries (Portugal, Bulgaria, Poland, UK) including:

- ♦ Teachers workshops(Portugal, Bulgaria, UK),
- ♦ Short-term exchanges of groups of pupils;
- ♦ International conferences (UK and Poland).

#### Main target groups of EURO4SCIENCE are:

- <u>Teachers</u> of science-related subjects and other subjects, especially those of secondary schools
- <u>Students</u> from secondary education, not only those studying sciences;
- Other members of the <u>school community</u> (e.g. counsellors, parents and families);
- Universities, forensic science institutions,

EURO4SCIENCE is running from **September 2014 to August 2016**, supported by the ERASMUS+ programme of the European Commission (Strategic Partnerships for school education).

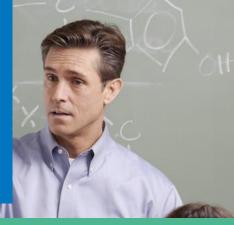
The partnership is coordinated by the University of Aveiro (Department of Biology) - Portugal and includes partners from Bulgaria (Know and Can Association), Poland (Inncrease), Portugal (INOVA+, Group of Schools José Estevão) and the United Kingdom (Skipton Girls' High School). All partners share the goals of fostering the engagement of children/youngsters into scientific careers and subjects through innovative methodologies and themes that are particularly engaging for students, thus combating school dropout and fostering transdisciplinarity.

### FORENSIC SCIENCE TOOLBOX

The Toolbox will consist of a main box with materials and several support documents, such as students Guide; teachers' Guide; CSI Cases.

#### Main features:

- Composed of recycled and low cost materials.
- Available in 4 languages (English, Portuguese, Bulgarian and Polish),
- Designed and produced to be used by students under teachers' supervision.





### **CSI WEEKs**

The CSI weeks will take place in 2016 in Portugal, the UK and Bulgaria, gathering the school community around a programme with different activities including: sharing experiences of Educational Forensic Science Projects; presentation of "CSI cases" and development of activities around them; bioethical debates; conferences and debates with teachers, students, and other stakeholders/organisations; Science fair, etc.

