

# SCHOOLS UNITED BY SCIENCE

<https://live.etwinning.net/projects/project/188775>

## DESPRE PROIECT

Regarding the approaches and methods used in the 21st century, at teaching and training process all new methods and tools should be used at schools. Seeing the analyses and questionnaire results at all partners' school we assert that we need to heal the teaching and training process. This project is based on using labs at schools effectively because all partner schools claim that teachers rarely use labs for science courses. Generally they lecture the courses theoretically. When considering 21<sup>st</sup> century's approaches by doing things and practising students learn complex things easily and eagerly. Using of labs terminates rote-learning based educational system. They retain the knowledge for longer and way of verifying the thesis is conducting an experiment. By this project teachers will meet colleagues from different European countries and students will have the chance of meeting and collaborating with friends from different countries.

## OBIECTIVE

- to increase the level of interest in using labs with new approaches, methods and tools,
- to improve science teachers professional and knowledge skills,
- to develop methodological materials on teaching science and using innovative methods,
- to observe scientific and psychological effects of using labs at school on learners,
- to activate learners in the education process,
- to encourage teachers to collaborated with each other and develop some new methods,
- to encourage learners to collaborate with the pupils from different countries,
- to broaden the teachers and learners' horizon,
- to develop new methods and tools in European standards,
- to raise interest in using foreign language.

## PROCEDURĂ DE LUCRU

### IN DECEMBER

- introducing e-twinning platforms and our projects' aim to the learners,
- project logo contest,
- craft time : sending new year postcards,
- presentation of scientists from partner countries.

### IN JANUARY-FEBRUARY

- shooting a course in the chemistry lab from all partner countries,
- making a video of this course,
- online meeting.

### IN FEBRUARY-MARCH

- shooting a course in the physics lab from all partner countries,
- making a video of this course,
- collaborative writing about the experiments (learners teachers ideas).

### IN MARCH-APRIL

- presentations of the some inventions from all countries,
- making e-book,
- online meeting.

### IN APRIL -MAY

- shooting a course in the biology lab from all partner countries,
- making a video of this course,
- preparing a science party.

### IN JUNE

- creating your dream lab, using ICT,
- evaluation survey of the project.

## REZULTATE PRECONIZATE

- giving our teachers an opportunity to develop their professional skills and collaborating with their colleagues,
- giving our pupils the chance to meeting their peers from European countries and collaborating with them,
- increasing the importance of using labs at schools,
- making the science courses more enjoyable.



