



Co-funded by the
Erasmus+ Programme
of the European Union

ERASMUS+ KA229 2020-2022 PROJECT
SCIENCE THROUGH EXPERIMENT IN EUROPE 2



BOOKLET



Science is the sound of the future!

LES LOS NARANJEROS	SCOALA GIMNAZIALA NR. 10 RAMNICU	PEIRAMATIKO GYMNASIO AGION ANARGYRON	TARKALI KLAPKA GYORGY ALTALANOS ISKOLA	ERZULUMLU IBRAHIM HAKKI ORTAOKULU	PRIMARY SCHOOL ANTUN BAUER
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SCIENCE THROUGH EXPERIMENT IN EUROPE 2 2020-2022

ERASMUS + Project "Science through experiment in Europe 2", funded by the European Commission through the ERASMUS + Program, the key action KA2, is the continuation of the project with the same name from 2016-2018.

All those involved have acquired a better training in Science and this project has contributed to increase the level of information and personal development of each. Therefore, the second part of the project was approved to be implemented, which was received with great joy by both teachers and students.



ERASMUS + Project "Science through experiment in Europe 2" has as partners:

Spain (the coordinating country): IES LOS NARANJEROS

Romania: NUMBER 10 SECONDARY SCHOOL RÂMNICU VÂLCEA

Turkey: ERZURUMLU IBRAHIM HAKKI ORTAOKULU

Croatia: PRIMARY SCHOOL *ANTUN BAUER*

Hungary: Tarcali Klapka György Általános ISKOLA

Greece: PEIRAMATIKO GYMNASIO AGION ANARGYRON

The main objective of this project is an exchange of good practices in education in the field of Science.

The aim of the project is for the participating students to develop and improve their skills, knowledge and abilities learned, specific to the standards of school training in Science, by conducting practical and theoretical training abroad at the participating organizations and creating the main project output, an e-book called "The Book of Experiments". Inside its chapters, there will be the experiments explained and carried out by each participating country.

Main goals: to improve the level of key competences and skills, foster quality improvements, innovation excellence and internationalisation at the level of education, raise awareness of European Lifelong Learning area, be aware of EU's abroad linguistic diversity and cultures, improve the teaching and learning of languages for real life, encourage the participation of students/teachers in democratic life in Europe, develop their professionalism and European dimension of our schools.

Project Objectives:

- to develop interest for scientific and cultural activities;

- to develop students' creative thinking;
- to improve linguistic, ICT competences and cooperating skills;
- to promote the national identity, values and traditions, tolerance, cultural and social differences;
- to develop the collaboration with foreign schools;
- to encourage the relationship between student and teacher, no matter what nationality they are, to promote respect and understanding of our values and of the other European values;
- to decrease early school leaving rate and absenteeism;
- to raise profile of the school, better image in local and regional educational community;
- to get stronger awareness and appreciation of sciences in lifelong learning

Every school has a special experimental area to focus on:

Romania- Chemistry,

Greece- gravity and force,

Hungary- energy and power,

Croatia-sound,

Spain- soil,

Turkey- heat.

The experiments carried out within this project will be recorded as videos and photographed and disseminated on [Youtube](#) through the [Etwinning](#) platform.



Teachers will be involved in various activities: learning activities, monitoring, evaluation. They will participate in seminars, workshops, open lessons, cultural and social activities during the meetings.

The students' project team consists of students, eager to learn and experiment in Science, which will be implemented in the school curriculum, through which they will discover the importance of Science in everyday life and will increase their interest in choosing a job in this area. Throughout the project implementation, students are divided into groups to participate in mobilities in the participating countries.

MAIN ACTIVITIES:

- 6 meetings in partner countries, in which 4 students and two teachers will travel for meetings in Romania, Greece, Turkey and Hungary (for Spain and Croatia there will be 2 accompanying teachers and 3 students);
- creating a project website;
- creating the project motto and logo;
- creating the e-book that contains all the experiments;
- creating a corner or wall of the project in each participating school;
- creating a booklet about the project;
- carrying out and recording experiments;
- making video presentations and photo collages for all the activities;
- dissemination of activities;
- setting initial and final tests to analyze the level of specific knowledge in Science and English
- all partners will plant at least 20 trees around their schools;
- creating a DVD that contains all the experiments.



COORDINATORS:

Spain (Main Coordinator)



Trujillo Ledesma Maria del Carmen

Romania:



Adeluța Lupășteanu

Turkey:



Yavuz Ayhan

Greece:



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