# Activity Description for Erasmus+ Report

Mobility in Romania: 21/10/2024 – 25/10/2024

Location: Colegiul Național "Zinca Golescu", Pitești, Romania

Participants: 16 students from Bulgaria and Romania

## Overview

This Erasmus+ group mobility project facilitated a meaningful exchange between Bulgarian and Romanian students. Hosted at Colegiul Național "Zinca Golescu" in Pitești, Romania, the project emphasized two core thematic areas: STEM education and Civic Education. The mobility included dynamic, hands-on workshops, intercultural activities, and visits to cultural and historical sites. These engagements provided participants with valuable technical, social, and civic competences necessary for future academic and personal growth.

## Day-by-Day Activities

### 21 October 2024 – Introduction and Cultural Exchange

* - Welcome ceremony at Colegiul Național "Zinca Golescu".
* - Presentations about the host Romanian school, city of Pitești, and Romania.
* - Presentation by the Bulgarian group about their school, Sofia, and Bulgaria.
* - Division into thematic groups: STEM and Civic Education.
* - Introduction to 3D modeling using design software.
* - Cultural debate: exploring similarities and differences between Bulgaria and Romania.
* - Guided tour of the school facilities and the city of Pitești.

### 22 October 2024 – STEM Innovation and Civic Awareness

* - STEM: Practical application of 3D modeling in robotics – designing artificial body parts for pets.
* - Civic: Creation of 'Life Maps' exploring personal and cultural identity.
* - Participation in the Romanian Science Festival hosted at CNZG.
* - Planning civic engagement activities under the theme 'Taking Action'.
* - Educational visit to the Golesti Museum.

### 23 October 2024 – Learning by Doing

* - STEM: Continued robotics project – development of a mechanical hand using 3D tools.
* - Cross-curricular experiments connecting mathematics to astronomy (learning by doing).
* - Civic: Participatory simulation – 'Take a Step Forward' to explore social inequality.
* - Workshop: 'Human Rights in Action' with interactive case studies.
* - Cultural excursion to the Romanian Parliament and Nicolae Ceaușescu’s House-Museum in Bucharest.

### 24 October 2024 – Environment and Europe

* - STEM: Creation of an environmentally friendly concept bus with 3D modeling and sustainability discussion.
* - Civic workshops: 'Why is Europe Important to Me?' and 'My Rights and Duties as a European Citizen'.
* - Cultural visit to Peles Palace in Sinaia, exploring Romania’s royal heritage.

### 25 October 2024 – Innovation and Reflection

* - STEM: Finalization and presentation of STEM innovation projects.
* - Participation in a First Lego League robotics competition.
* - Civic: Workshop on volunteerism as a civic responsibility.
* - Forward-looking discussion: 'My Future in Europe'.
* - Awarding of participation certificates in a closing ceremony.
* - Cultural excursion to Bran Castle, a symbol of Romanian folklore.

## Educational Impact and Learning Outcomes

### STEM Development

* - Students developed skills in 3D modeling, basic programming, and robotics.
* - Projects like artificial pet prosthetics and eco-friendly buses bridged classroom theory with real-world innovation.
* - Hands-on learning encouraged creativity, engineering thinking, and sustainable design practices.

### Civic Education

* - Activities enhanced awareness of social justice, civic responsibility, and human rights.
* - Students participated in interactive workshops focused on active citizenship, empathy, and global awareness.
* - Civic projects fostered a sense of community engagement and personal responsibility.

### Soft Skills and Cultural Exchange

* - Collaborative tasks improved communication, teamwork, and conflict resolution.
* - Cultural presentations and group work promoted intercultural understanding and respect.
* - Social events and debates cultivated lifelong international friendships and global perspective.

### Broader Educational Value

* - Students experienced integrated learning across STEM and civic themes in authentic contexts.
* - Curiosity was stimulated through project-based learning and educational travel.
* - Participants gained confidence, adaptability, and motivation for lifelong learning and European collaboration.