



## BLOOMING Project – Romania Report Summary

**Partner:** Intercultural Institute Timisoara

**Timeframe:** 07.02.2025, 11.02.2025

**Work Packages:** WP2 (Toolkit) WP3 (Storybook)

### Testing of Educational Activities in Classrooms

**Activity Title:** *STEAM Historic Figures and Scientific Articles*

**Target Group:** Secondary school students (ages 14–16)

**Schools Involved:**

- W. Shakespeare Theoretical High School Timisoara (All girls)
- Electrotimiș Technological High School Timisoara

### Implementation Context:

- Students from the 7th and 8th grade of secondary school belong to the Electrotimiș Technological High School
- Students from 8th grade of secondary school belong to the W. Shakespeare Theoretical High School Timisoara

### Student Demographics:

- Total students: 103 students: 63 girls and 40 boys
  - 5 students (16 years)
  - 48 students (15 years)
  - 50 students (14 years)

### Content Tested:

- Activities based on historic women in STEAM (all)
- Adapted STEAM scientific articles written by leading women in STEM
- Meeting with Dr. Simona Popa who presented the selected article and conducted classroom experiences, question and answer session.

### Feedback on Scientific Articles & Classroom Activities

**Student Engagement:** high interest in personal stories and scientific journeys of female role models, classroom experiences activities were especially popular. Among the aspects mentioned by the students as being useful were:

- the novelty of the subject: *I liked the class because I learned new things,*
- the possibility of free expression: *You should come to our school more often and stay longer so we can talk,*
- the attractive, visual presentation of the information – the films as well as the practical experiences: *I liked the part about colours the most,*
- the interesting and motivational presentation: *I found the whole presentation*



*very interesting, and I liked it a lot, especially since I would like to work in software engineering.*

- **Teacher Feedback:** appreciated the educational value of the materials presented and made some recommendations concerning:
  - Improving the translation quality
  - More visual presentation - videos
  - Availability of examples of successful women from the past from Romania

### Key Outcomes – Young Learners

Indicator	Result
% of young learners (14+) who used BLOOMING stories and felt inspired to pursue a career in STEAM	85%

This result highlights the positive influence of relatable role models and inclusive teaching methods in inspiring students' future aspirations.

### Outcomes of Training Activities

Indicator	Result
% of educators and graduate students who improved their teaching skills to promote inclusion in STEAM (14+)	~85%
% of educators and graduate students satisfied with training activities (face-to-face & online)	78,6%
% of educators who feel engaged in promoting inclusion in STEAM	78,6%

Teachers expressed high engagement with the BLOOMING content and acknowledged its potential to reshape classroom dynamics in favor of inclusion and gender equality.

- Participants acknowledged the relevance of the toolkit to classroom inclusion goals, emphasized the importance of the participation of 14-15-year-old students (from the 8th grade) is useful because, at this age, students are outlining a possible career and need examples of success and guidance for a suitable choice.
- Teachers appreciated the gender-sensitive and diversity-focused approach of the content. They emphasized that it is very important for them to find such tools to diversify classroom activities
- Supplementing the available information - the Blooming storybook of successful women from the past at an international level, *with examples of successful women from the past from Romania*, are necessary to increase the students' confidence that it is possible for a woman to be successful in this geographical context.



## Recommendations and Conclusions

- **Toolkit Improvements:** Address translation inconsistencies, enhance visual appeal, and increase interactivity. Supplementing the available information *with examples of successful women from the past from Romania*
- **Teacher Empowerment:** Provide editable teaching resources and mentoring support.
- **Dissemination Focus:** Encourage participation in local events, share outcomes on social media, and engage policy makers.
- **Sustainability Strategy:** Promote ongoing training via webinars and develop national-level partnerships with schools and education authorities.