

“ STEM for Brighter Future”.

From April 15 till April 25 we as teachers from Riga Secondary School 95 took part Erasmus+ teacher-training project “ STEM for Brighter Future”. During the project time, we gained new knowledge and experience in STEM education and also learned more about the versatile and boundless Turkish culture.

In recent years, science, technology, engineering, and mathematics (STEM) education has been a hot topic globally as it has become increasingly important for the future of our societies and economies. The Erasmus+ Project STEM for Brighter Future is one such initiative that aims to improve the quality of STEM education and enhance the skills of young people for a brighter future.

It is an international teacher-training project whose objective is to create a more effective learning environment for students in STEM-related subjects. The program seeks to achieve this by combining innovative teaching methods, hands-on experience, and collaboration among teachers from different countries.

The program is centred on several key activities such as teacher training, the development of STEM-related curricula, and the implementation of innovative teaching methodologies. One of the main components of the project is teacher training. The program aims to improve the skills and knowledge of teachers in STEM education. This training includes sessions on innovative teaching methodologies, project-based learning, and the use of technology in the classroom.

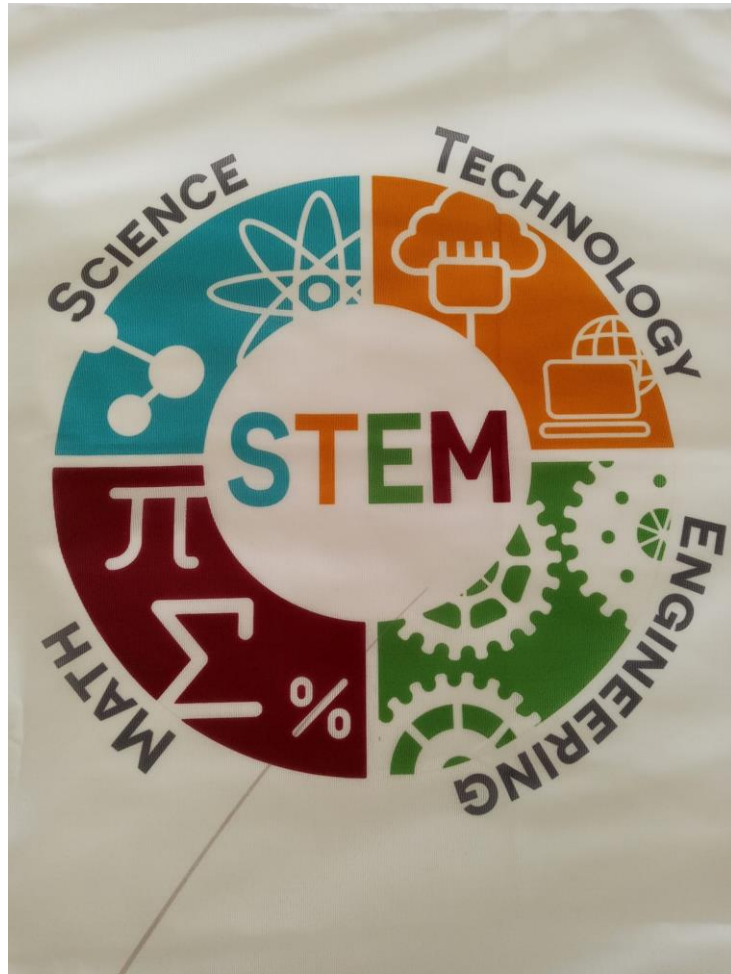
Another important aspect of the program is the development of STEM-related curricula. The project aims to develop curricula that are both engaging and effective in teaching STEM-related subjects. The curricula are designed to be adaptable to different learning styles and to cater to the needs of diverse student populations.

The program also focuses on the implementation of innovative teaching methodologies. These methodologies include project-based learning, inquiry-based learning, and the use of technology in the classroom. These teaching methods are intended to create a more interactive and engaging learning environment for students, which can help to enhance their interest and performance in STEM-related subjects. By using innovative teaching methods and providing opportunities for international collaboration and cultural exchange, the program can help to create a more effective learning environment that can better prepare students for the challenges of the future.

ERASMUS+ "STEM for a brighter future" Day one.

INTEGRATED STEM EDUCATION Dr. Hilmi Doğan



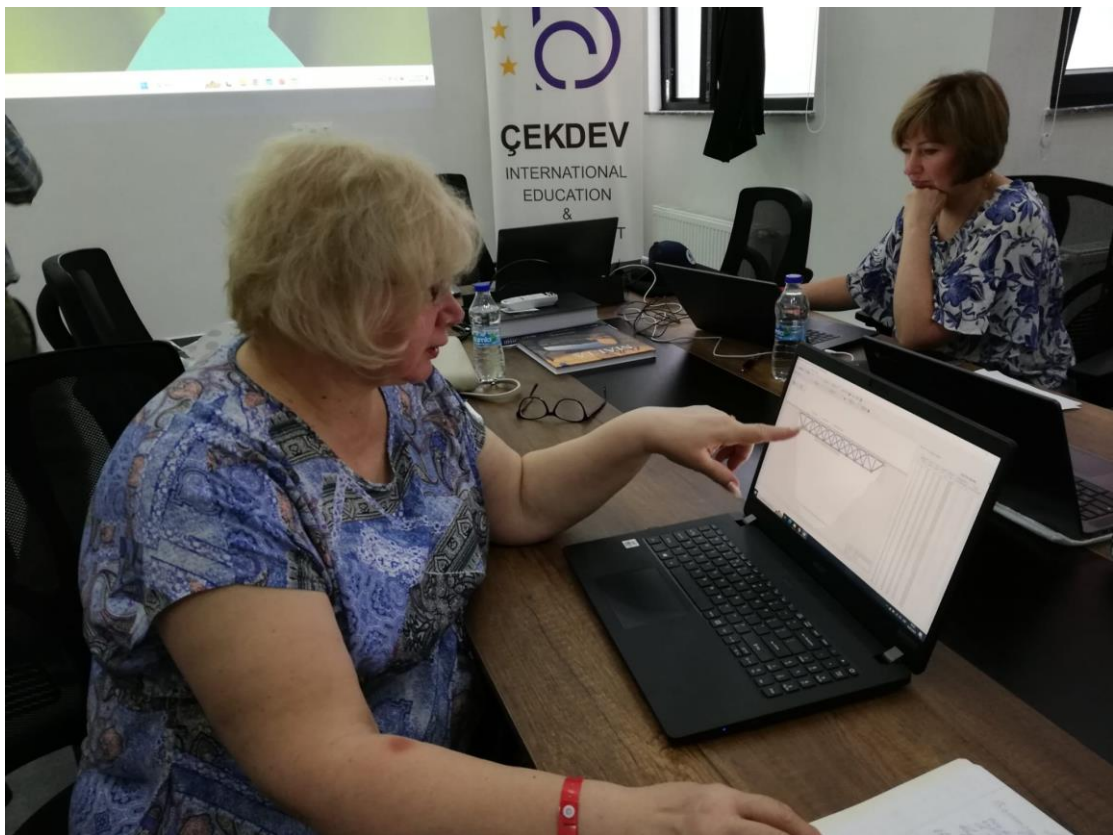


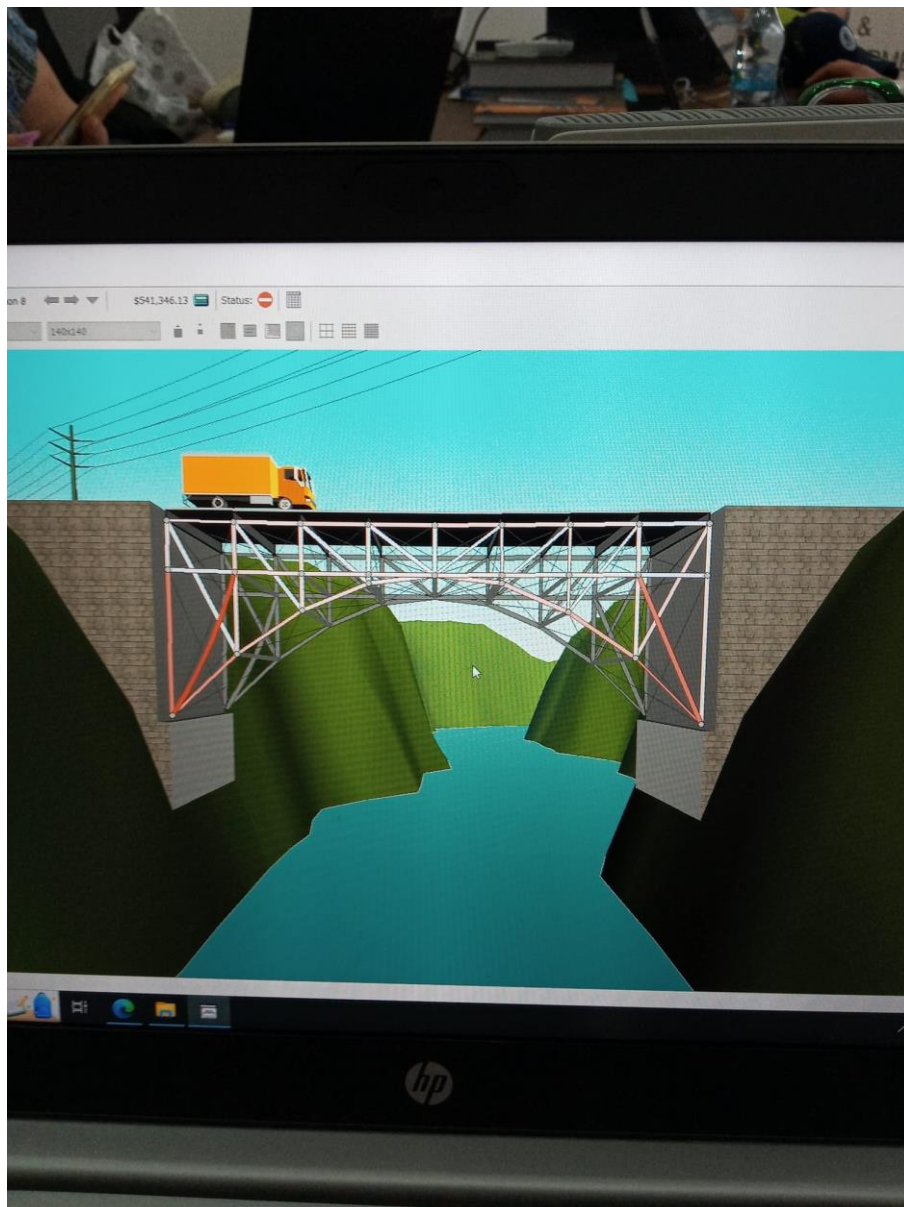
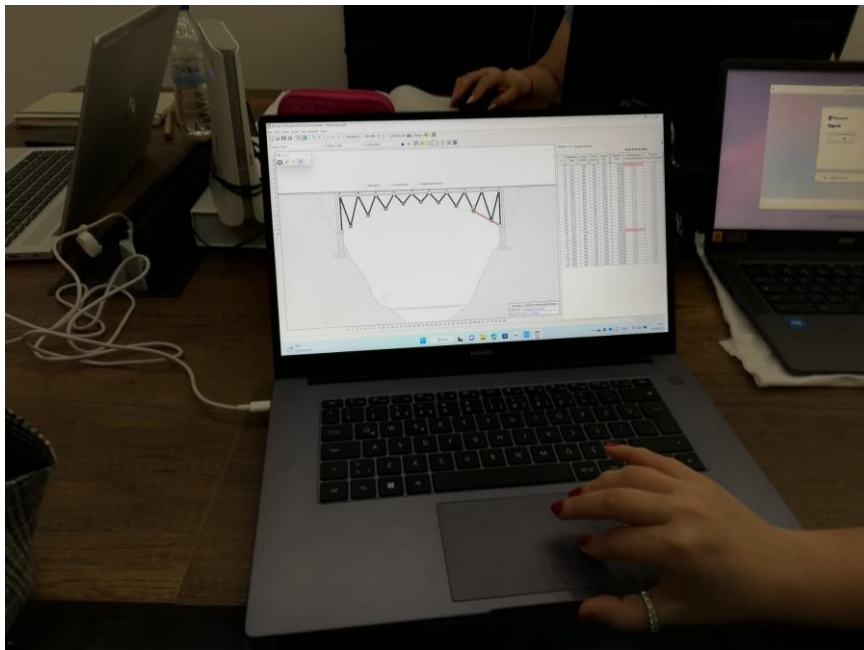
ERASMUS+ "STEM for a brighter future" Day two.





ERASMUS+ "STEM for a brighter future" Day 3. People vs bridges.





ERASMUS+ "STEM for a brighter future" Day 4. Helicopter and safety.



ERASMUS+ "STEM for a brighter future" Day 5. STEM and history.



ERASMUS+ "STEM for a brighter future" Day 6. STEM.Sport.Olimpic day.Wild nature.



ERASMUS+ "STEM for a brighter future" Day 7-8. Hard day night and brighter homework presentation in morning.







Mint of Riga



Riga ∞00th anniversary

Tonic: Mint of Riga

Grade: 7th Grade



<p>Topic: Mint of Riga</p> <p>Subjects/ Concepts: Math, Technology and Engineering, Languages, History</p>	
<p>Grade: 7th Grade</p> <p>Time range: all learning day</p>	
Objectives	
Maths	<ul style="list-style-type: none"> to learn how to transfer lats into euros to understand the difference between the mass and weight collect the data related to the research questions and show them with the table of the measurements to learn how to identify the measurement error
Technology and Engineering	<ul style="list-style-type: none"> Define the criteria and constraints of a design Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem. Develop a model to generate data for iterative testing and modification of the proposed object, tool, or process such that an optimal design can be achieved.
History	<ul style="list-style-type: none"> To identify in what year did Riga celebrate its 800th anniversary? To determine the chronological boundaries of each century reflected on the coin.
Languages	<ul style="list-style-type: none"> To be able to use the relevant language according to the coin that identifies the period shown on the it
STEM career awareness	<ul style="list-style-type: none"> Design engineer. Math engineer. Historical researcher.
Key words	Mass, weight, maths measurements.





ERASMUS+ "STEM for a brighter future" Day 9-10.Final day. Presentation of course completion certificates.











