



GAMMA is the acronym of the project *GAME-based learning in MAThematics* project, which is a three-year Erasmus+ project, started on 1 October 2020.

GAMMA Training in Croatia

The physical GAMMA Learning, Teaching and Training Activity (LTTA) in Croatia took place on 26-30 September 2022 in Osijek. On Monday 26th, Tuesday 27th, Wednesday 28th and Friday 30th of September, the activity took place in the building of the Department of Mathematics, University of Osijek (MATHOS), while on Thursday 29 September it was held in the Elektrotehnička i prometna škola Osijek (ELPROS).

The meeting was organised by the MATHOS GAMMA team members, as well as ELPROS team members and the Osijek Education and Teacher Training Agency (ETTA) team members. Thirty-three participants from the four partner countries took part in the activity (thirty participants in person and three virtual participants).

The main purpose of the GAMMA LTTA in Croatia



was to get to know the Croatian educational system and to discuss the adaptation of teaching scenarios and feedback forms for piloting those scenarios.

An interesting and valuable LTTA programme included:

- [eight presentations/workshops](#) on the adaptation of eight teaching scenarios, two from each university partner, linked to the digital games developed by the partners and covering the





following mathematical topics: linear function, system of linear equations, probability, geometry - two topics, trigonometric functions, direct proportion and inverse proportion and derivatives. At the beginning of all these workshops, ELPROS students gave valuable feedback on each GAMMA game linked to the scenario,

- **three presentations:** one on the Croatian educational system given by ETTA, the second one on the project e-Schools delivered by MATHOS and ELPROS, and in the third one the ELPROS team presented an overview of the e-Twinning in school and the GAMMA e-Twinning project,
- **lesson in the classroom with students,** based on the GAMMA Probability teaching scenario, which was led by ELPROS,
- **workshop on questionnaires for student and teacher feedback,** organised by the MATHOS team,
- **workshop on GAMMA Handbook for Teachers,** with a discussion about making a promotional video for each chapter, led by the Amsterdam University of Applied Sciences, Faculty of Education team, and
- **interesting social events** that strengthen collaboration between all participants.



It has been a great pleasure to spend some quality time together in Croatia, share ideas, have valuable discussions and develop teamwork and positive attitudes among participants.

GAMMA Dissemination Activities

MATHOS team members Mirela Jukić Bokun and Ljerka Jukić Matić presented the project GAMMA at the **4th National Conference Innovative Mathematics Teaching**, which was held in Osijek, Croatia, on 25-26 August 2022. They briefly presented the aims of the project, activities, intellectual outputs and future dissemination activities.



Announcement of the Next Training Activity

The next LTTA will be held live in Amsterdam (Netherlands) on November 7-10, 2022. The meeting will be organised by the GAMMA team members of the Master Department of the Faculty of Education of the Amsterdam University of Applied Sciences (Hogeschool van Amsterdam), the Smart Education Lab and the research group of STEM education.

Keep Our Project Progress on Track

All information, news, activities, and, project outputs, when prepared, will be freely available on the **project website:** <http://www.project-gamma.eu>. Follow us also on **Facebook:** <https://www.facebook.com/GAME-based-learning-in-Mathematics-GAMMA-104353051638>

