



## 6<sup>th</sup> Newsletter – April 2022

**GAMMA** is the acronym of the Erasmus + project *GAMe-based learning in MAthematics*.

### GAMMA Handbook for Teachers

The handbook we are writing as part of the GAMMA project aims to help mathematics teachers and teacher educators use Digital Game-Based Learning (DGBL) more effectively in their professional practice. It provides inspiring examples and activities, opportunities to explore and discuss DGBL with students and colleagues, and a comprehensive understanding of DGBL. The handbook contains an overview of the state of the art in learning and teaching with DGBL in mathematics and other chapters that are very practical and provide concrete suggestions for teachers. More specifically, there is a chapter about Educational Game Design which is especially intended for teachers who want to know more about how to design educational games themselves. Another chapter focuses on analyzing digital games to help teachers identify educational digital games that are appropriate for their own mathematics classrooms, while also providing examples of such games. The final chapter addresses guidelines for implementing DGBL in the classroom and suggestions from teachers who have experience using DGBL in their classrooms.

The handbook is being written by researchers and mathematics educators from four partner universities in the GAMMA project with input from the teachers participating in the project. Each chapter was written by one partner and reviewed by two of the other partners. The authors wrote the chapters in a cyclical process, and they met regularly (online) to discuss issues and connections throughout the book. The planning, writing assignments, revision process, form, and layout were led by the Amsterdam University of Applied Sciences, Faculty of Education, the Netherlands. All decisions about the content, production process, and layout are made collaboratively within the project team.

### Announcement of the Next Training Activity

The next learning, teaching and training activity will be organized live in Greece in June.

### 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>

