



Erasmus+

This project is funded by the European Union.

“3D-ReMath” Press Release

1st transnational project meeting of the project “3D printing technology aims students understanding maths and recycling procedure”

The 1st transnational project meeting of the project “3D-ReMath” will be held on Monday 18th to Wednesday 20th of November 2019, in Department of Business Administration of the University of the Aegean. The project is coordinated by the University of the Aegean and funded by the European programme Erasmus+, through the Greek State Scholarship Foundation.

The main objective of “3D-ReMath” project is to help students better understand maths and become familiar with 3D printing technology and the procedure of recycling. Students could collect plastic bottles and then by using a proposed framework for transforming plastic to filament, suitable for 3D printers, they can use this material to print 3D objects, which help them to overpass difficulties that they face in mathematics. 3D-ReMath will encourage students to use maths in their rural life, confront possible “fear” about maths and understand much better the theory of maths.

The procedure of use waste in order to transform it to a filament could reduce environmental pollution and might contribute to decrease the 3D printing cost. Teachers will be encouraged to introduce a “new world” to their students, a world that include non-fearful maths, positive actions of re-using plastic and non-usable items and the feeling that they can produce a new item by themselves.

Within the next months “3D-ReMath” will generate:

- A map that identifying maths disabilities and group them to categories based the grade of each disability.
- 3 curricula for 3D printing that explain what 3D Printing is, how it works and how can be used in order to better understand maths.
- 3 curricula for teaching maths to students with disabilities, each one addressing to a specific mathematical issue.
- 3 curricula for recycling procedure and how we can use science and technology in order to reuse products, reduce waste and recycle products.
- 3 face to face trainee programs for teachers.
- A portal will be developed in order to support online training lectures, and a communication spot between all partners and all stakeholders (university, schools, teachers, students).
- 1 international conference.

The participants of “3D-ReMath” comprise of the research team of the Quantitative Methods Laboratory, Waste Management Laboratory, Privacy Engineering and Social Informatics Laboratory of the University of the Aegean and school teachers and representatives of 2nd Primary School of Chios, ISA13 Istituto Comprensivo Sarzana (Italy) and Agrupamento de Escolas de Marrazes (Portugal).

Coordinator:
University of the Aegean
Quantitative Methods Laboratory



INFORMATION

Project code: 2019-1-EL01-KA201-062914

Duration: 24 months /2019-2021

Total budget: 195.780,00 €

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Partners

Waste Management Laboratory



Privacy Engineering & Social Informatics Laboratory



2nd Primary School of Chios



ISA13 Istituto Comprensivo Sarzana



Agrupamento de Escolas de Marrazes

