



Learning Mathematics through new Communication Factors

A European Commission Funded Project (Comenius MP) running from
November 2012 to October 2014
526315-LLP-2012-CY-COMENIUS-CMP



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What opinion have parents and pupils about mathematics and how they face the subject

- As a difficult and boring subject
- Abstract and non-approachable
- Many pupils instead of studying mathematics prefer to spend most of their time watching TV programmes or playing electronic games or exchanging messages with their mobile phone, exchanging pictures, exchanging videos, competing etc.

How we can bring pupils back to the “playing field” of education?

- One way to achieve is to use similar tools (weapons) like the “opponents”.
 - In simple words, to communicate the learning of mathematics in a non-traditional way, like a game through theatre or competitions similar to the well-known X-Factor and other.

- This proposal is using a completely different and new approach
 - Invites teachers and pupils to apply new communication methods in learning mathematics, which could be fun and enjoyable at the same time.
 - Brings new ideas under “play and learn”.

- This project intends to:
 - Develop new methodologies in learning and teaching mathematics to pupils of age 9-18, which can be used in any school environment
 - Make learning more attractive and enjoyable for all pupils
 - Enhance students' skills for creative thinking.
- The methods could be used for other subjects of the education curricula and for other ages.

- The project activities contribute to:
 - The Education and Training 2020 as it is enhancing creativity and innovation among youth.
 - The benchmark for decreasing low-achievers in basic skills (mathematics and science) to 15%.
- It promotes the European Cooperation on schools in the area of competences by supporting the key competence for mathematics.

- The aim of this project is:
 - The development of methodology in teaching and learning mathematics with the creation of two main tools that can be used by teachers.
- The methods will be created in such a way so that they can be used in an in-service training course for teachers who teach mathematics to pupils of age 9-18. The two methods are:
 - A. MATHeatre: Teaching and learning mathematics through math theatre activities
 - B. MATH-Factor: Teaching and learning mathematics through mathematics communication activities

- To sum up the new methods are expected to:
 - Make mathematics more attractive to young people, teachers and parents
 - Compete with current trends of interest activities for young people of age 9-18.



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