

Math&Motivation

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Newsletter 1

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MAIN FOCUS

REDUCING SCHOOL DROP-OUT RATE

DEVELOPMENT OF COLLABORATIVE LEARNING METHODOLOGY

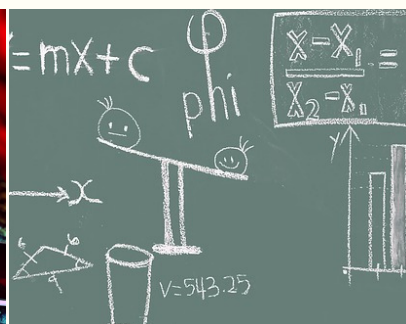
CREATION OF COLLABORATIVE LEARNING E-TOOLS

INCREASE STUDENTS' MOTIVATION AND IMPROVE THEIR LEARNING ACHIEVEMENTS

The project...

Basic skills of different degrees of complexity are becoming increasingly important to enable full participation in all aspects of modern life. Deficits of basic skills (literacy, math & science) result in dropping out from school of young people and in consequence, their bad situation at the labour market, poverty and social exclusion. The EU's plan for tackling early school leaving aims to reduce the average drop-out rate to below 10% by 2020. To give their contribution to this ambitious goal, eight organisations (schools and training providers) from 7 EU countries developed the idea for the project "Math & Motivation". The aim of the M&M project is to improve basic skills of secondary school students and reduce dropout rate in Bulgaria, Croatia, Italy, Poland, Portugal, Romania and Spain. This aim will be achieved through:

- development of Collaborative methodology and implementing it on-line form as Collaborative Learning e-Tools
- development and test of curriculum improving math, science and literacy skills
- preparation of Toolkit for Teachers and equipping them with competence of using it





The innovation...

The innovation that M&M project is planning to offer is the combination of three innovative teaching methods (**self/peer learning**, **gamification** and **flipped learning**) into one complex *Collaborative methodology*. In this methodology self/peer learning, elements of gamification and flipped learning will be combined into methodology that leads to encouragement and motivation. The methodology will include check-marking students achievements while they solve problems themselves with little involvement of Teacher, who is a facilitator helping to find the knowledge, rather than lecturer giving that knowledge. These approaches will stimulate active participation and creative spirit expressed also by students who are not very enthusiastic in learning and have not shown active participation before.



First partner meeting

The first project partner meeting was organized in Sofia, Bulgaria on 13th-14th September 2017 just before the start of the school year. Representatives of all partner institutions attended the event. The main focus of presentation was the project idea, foreseen activities, planned results and impact. The partners discussed also the general project management and planned the near future tasks.

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