

TALETE PROJECT

Beneficiary/Coordinator:

UNIVERSITA' DEGLI STUDI "GUGLIELMO MARCONI"

Italy

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Teaching mAthS through
innovative LEarning
approach and conTEnts



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TALETE PROJECT

European Ministers set the target to reduce the average of students with difficulties in reading, maths and science in order to reach fewer than 15% by 2020.

The worldwide surveys report that EU students often lack mathematical competence and key basic competences in science and technology. The learning of the mathematics literacy enables students to contribute effectively in actual society, improving their employment prospects.

In this context, the project intends to develop with the teachers more attractive and fun pedagogical tools for maths literacy based on the PISA and TIMSS schedules..

TALETE OBJECTIVES

The project aims at improving the quality and efficiency of education and training as follows:

- identifying and developing teaching and learning method in the field of mathematics with a focus on the geometry;
- improving the quality of learning in order to support the development of students' basic and transversal competences;
- improving attractiveness and efficiency of ISCED levels 2 and 3 of education and training (nearly the end of compulsory education) through the 3D virtual world;
- supporting schools to establish partnerships and improving teachers and pupils' skills favouring the European integration in teaching and learning.

TARGET GROUPS

The TALETE project is addressed to teachers and students of European schools.

The impacts on the target groups are:

- as to the teachers, to provide innovative contents strictly connected with national school curriculum in mathematics, in order to improve the quality of teaching making it more flexible and fun and reducing the number of low-performs of students;
- as to the students, to improve mathematical literacy skills, contrasting with the interest lack among students for the scientific and technical studies.