



Newsletter n. 3

TALETE Project:

Teaching mAthS through innovative LEarning approach and conTEnts

TALETE training path, addressed to the teachers and their students, aims to test an innovative pedagogical tool making the study of Mathematics more interesting and creative, transforming a possibly difficult situation into a simpler, more dynamic, flexible, surprising, engaging, intriguing one to foster the student's curiosity.

Through the TALETE training path the 14-15 years-old students will improve their deep mathematical understanding with a focus on the geometry, especially their performances on the base of OECD PISA, IEA TIMSS and national evaluation schedules.

EDITORIAL

The TALETE course is constituted of two main parts as follows:

- o first part: it will start up from the training of the teachers involved in the experimentation phase. It will be structured in educational pills delivered through the e-learning platform where they will know the contents and be able to get more familiar also with the 3D

virtual environment to be used with their students during the next step.

- o second part: the teachers involved will test the engaging and innovative pedagogical tools with their students in 3D virtual world. Trained teachers will teach their students how to use project virtual environment. They will monitor, support, and manage the virtual training of their students based on the selected assessment schedules re-produced into 3D scenarios. Students coming from different countries will be able to share knowledge and experiences. They will have experience in ability to work and analyze with virtual objects supporting the understanding of practical uses of math concepts in the real world.

Under the Spotlight

Within the TALETE Project announces the start of the experimentation phase by November. We are placed to announce the opening of registrations to the updating training path for the teachers by the end of October 2012.

The course will be implemented simultaneously in 4 European Countries (Italy, Greece, Bulgaria and Turkey).

One class of about 8/10 upper and secondary schools teachers especially in Maths, Science, English and ICT per country will be arranged in each country.

The TALETE training path includes no. 23 hours of theoretical knowledge, web seminar and testing of the TALETE pedagogical tools, no. 15



hours of experimentation with the students involved.

The theoretical path, addressed only to the teachers, will be structured into different educational pills translated into English, Greek, Italian, Bulgarian and Turkish. These will cover the following main topics:

- o the results of last international surveys (PISA, TIMSS),
- o the international and national selected schedules to be used in 3D world,
- o the concept of "mathematisation"
- o the contents and methodologies focusing on the potential use of new technologies
- o the role of the teachers involved as trainers of the students during the second phase of the experimentation.

The TALETE training path will be delivered through an E-Learning addressed only to the teachers and 3D virtual environment addressed to both teachers and students for the practical activities with the same students.

The beginning of the TALETE training path is planned for 15th of November 2012.

For enrolment, please, compile the Registration Form in the project website (www.taleteproject.eu) by the 10th of November 2012 and for further information, please contact us.

What's Next

Teachers who report confidence and competence at using digital technologies may not be as confident or skilled at using new technologies for educational purposes, or to promote learning. This is one of the findings of a teacher survey, carried out by the ITEC project, to measure teachers' and students' attitudes to the use of technology in the classroom. The results of the surveys have been published, and are now available to download.

The aim of the surveys, which received responses from over 1,200 teachers, and 284,000 individual ratings from students, was to find out how both teachers and students would like to see educational technologies deployed.

http://itec.eun.org/c/document_library/get_file?uuid=8f765dcf-3e88-444b-a684-d2958b3ed106&groupId=10136

Information Contact: m.tramonti@unimarconi.it

Project Web site: <http://www.taleteproject.eu>




BENEFICIARY



Università degli Studi Guglielmo Marconi

Website: <http://www.unimarconi.it>

PARTNERS INVOLVED IN THE PROJECT

	<p>University of Thessaly</p> <p>Website: http://www.uth.gr</p>
	<p>Kadikoy ILce Milli Egitim Mudurlugu</p> <p>Website: http://www.kadikoy-meb.gov.tr</p>
	<p>IAL Innovazione Apprendimento Lavoro Lazio S.r.l. Impresa Sociale</p> <p>Website: http://www.ial.lazio.it</p>
	<p>Burgas Free University</p> <p>Website: http://www.bfu.bg</p>
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