



ITEMS PROJEKT: RAZVOJ SPLETIH MODULOV V ZNANOSTI IN MATEMATIKI (PREDSTAVITEV)

ITEMS PROJECT: DEVELOPING ONLINE MODULES ON SCIENCE AND MATHEMATICS (PRESENTATION)

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Povzetek

ITEMS (izpopolnjevanje izobrazbe učiteljev matematike in znanosti) je program vseživljenjskega učenja KA4 (2009-2010). Njegov namen je razviti okvir za izboljševanje kompetenc učiteljev matematike in znanosti ter posledično okrepiti znanje in zanimanje študentov na teh področjih.

Glavni rezultati projekta ITEMS je komplet modulov e-učenja, ki so bili izdelani s pomočjo programa za virtualno učenje Moodle. Takšni moduli pokrivajo nekatera področja srednješolskih učnih načrtov v znanosti (astronomija, elektrika, klimatske spremembe) in matematike (geometrija, grafi, linearne funkcije).

Partnerstvo ITEMS sestavljajo CEFIRE (Španija), Second Level Support Service (SLSS) iz Irske, Gimnazija Poljane (Slovenija) in Gimnazija Isernhagen (Nemčija). Spletna stran projekta ITEMS se nahaja na <http://itemspro.net>, Modle VLE pa na <http://itemspro.net/moodle>.

Abstract

ITEMS (Improving Teacher Education in Mathematics and Science) is a Lifelong Learning Programme KA4 project (2009- 2010). Its aim is to develop a framework for improving the competencies of science and maths teachers and, consequently, to increase students attainment and interest in these areas.



The main outcomes of ITEMS project is a set of e-learning modules which are constructed using the Virtual Learning Environment Moodle. Such modules cover some parts of the secondary school curricula in science (astronomy, electricity, climate change) and mathematics (geometry, graphs, linear function).

ITEMS partnership is formed by CEFIRE (Spain), Second Level Support Service (SLSS) from Ireland, Gimnazija Poljane (Slovenia) and Gymnasium Isernhagen (Germany). The website of ITEMS project is at <http://itemspro.net> and the Moodle VLE is at <http://itemspro.net/moodle>