



PREDSTAVITEV SPLETIŠČA E-RAZVOJNE SKUPINE ZA MATEMATIKO S PRIMERI E-GRADIV

INTRODUCTION TO THE MATHS E-DEVELOPMENT GROUP WEB SITE WITH SAMPLE E-MATERIALS

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Povzetek



Raba IKT pri pouku matematike je izziv za mnoge učitelje, hkrati pa je oblikovanje in uporaba ustreznih gradiv zahtevno delo oziroma proces.

Obilica programskih orodij, ki so na voljo za uporabo pri pouku matematike, omogoča učencem in dijakom individualiziran pristop k usvajanju znanj, hkrati pa od učiteljev zahteva dodatna znanja in kompetence pri pripravi navodil iz didaktičnih predlog.

Ob proučevanju možnosti uporabe nastajajo gradiva, ki so lahko podpora učiteljem matematike v osnovnih in srednjih šolah pri razvijanju lastnih in učenčevih IKT-kompetenc. Zato smo oblikovali spletišče na naslovu www.matikt.si, kjer se nahajajo preizkušena gradiva, opisi programskih orodij, informacije o seminarjih in razni strokovni prispevki s področja rabe IKT pri pouku matematike.

Udeleženci delavnice na posameznih primerih spoznajo podrobnosti o uporabi posameznega pripravljene gradiva v razredu, spoznajo programsko orodje, hkrati pa dobijo informacije, kako prilagoditi gradivo, komentirati, vprašati za nasvet in kako z izbiro ustreznega seminarja dvigniti lastno IKT-kompetenco.

S pomočjo tehnologije spletišča (Splet2.0) imajo udeleženci možnost komentirati posamezna gradiva, opisati lastne izkušnje pri njegovi uporabi in morebiti kasneje celo priložiti spremenjena oziroma dopolnjena gradiva. Na ta način udeleženci delavnice oblikujejo jedro skupnosti uporabnikov e-gradiv.

Abstract

The use of ICT in classroom is a challenge for many maths teachers because authoring and selecting best e-materials is a difficult task or even a process.

A lot of software which can be used directly or indirectly in teaching maths gives pupils and students a chance for self paced learning. To make such approach a successful one, and to prepare or select effective e-materials, the teacher must gain additional ICT knowledge and experience.

Intensive study of possibilities with ICT and maths usually leads to materials which primary school teachers or high school teachers can use to improve their own and their pupils' ICT skills. This is the main reason for setting up a web site at www.matikt.si. The site offers tested materials, software descriptions, seminars and professional papers - to help the teachers.

Through the use of sample e-materials, the workshop participants will get to know some programs and also get information on how to modify prepared materials, how to post a comment about the material, how to get advice about the use of material and how to improve their ICT skills by choosing the suitable seminar.

With Web2.0 technology of the introduced web site, users can post comments or even attach their own versions of e-materials and by doing so they participate in forming the network of e-materials users.