

# Tehnologija in utrjevanje matematičnega znanja

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Math. Subj. Class. (2000): 97U50, 97U80

## Povzetek:

Utrjevanje in preverjanje znanja imata pri pouku matematike zelo pomembno vlogo. Učitelji si večkrat želimo, da bi imeli možnost zastaviti vsakemu učencu svojo nalogu, opremljeno s kvalitetno povratno informacijo, vendar se tega zaradi časovnih omejitev poslužujemo le izjemoma. V tem prispevku si bomo pogledali, kako nam pri izpolnjevanju obeh želja lahko pomaga tehnologija. Sprehodili se bomo od nekaterih osnovnih tehnik preko uporabe določenih namenskih programov in vse do uporabe gradiv, ki so dostopna preko portala na spletnem mestu <http://www.nauk.si> in so nastala v okviru projekta Aktivna matematika (<http://am.fmf.uni-lj.si/>)

**Ključne besede:** matematika, tehnologija, naloge, atomarna e-gradiva, dinamično generirane in avtomatsko preverjane naloge

## Abstract:

Homework is a revision and consolidation tool that is most often encountered in maths classes. Although everybody (students included) is aware that the best results are achieved when students do the assignments on their own and then check the solutions, this is not always the case. Teachers often wish we could set one-student-only-centred homework, together with quality feedback, however, this is seldom the case, due to lack of time. This article shows how technology can be of assistance in the fulfillment of both requirements. First we will explore some basic techniques, then we will upgrade to certain task-oriented programmes, and finally we will explore the materials available at the <http://www.nauk.si> internet site that were created within the Active Maths ([Aktivna matematika](#)) project.

**Key words:** mathematics, technology, exercises, dynamically generated and automatically checked tasks