Utilization of Information and Communication Technologies (ICT) in Primary Education: Design, Implementation and Evaluation of Repositorywith Digital Educational Material and Software

ABSTRACT:

The most common form of ICT in education is Learning Objects (LO) which users can easily search, locate and use through the Open Learning Objects Repositories. However, the majority of the Repositories cover specific educational needs.

We have tried to fill this gap by designing and implementing the new Learning Object Repository "Kastanos", which contains educational material exclusively for Primary Education. In this there are about 3100 LO with different types of files in which the ICT is used, while at the same time thematic units of different courses are covered by all six classes of the Primary School.