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# The efficient virtual learning environment: A case study of web 2.0 tools and Windows live spaces

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### Abstract

Technological developments have affected teachers'™ instructional techniques: technology has allowed the concept of education to be viewed from different perspectives. The aim of this research is to integrate Web 2.0 tools, which are sparsely found on the internet (each tool is on a different site), into education and see if it positively affects learning; also, students'™ opinions about this formed environment will be sought. The study sample consists of 55 students, from whom data was collected. Descriptive statistics were calculated and a paired sample *t*-test was used, in order to compare pre-experience test and post-experience test means. The univariate of variance (ANOVA) was used to compare group means. Positive opinions of students show that the use of the WLS environment within Web 2.0 tools brings a new dimension to distance learning. This paper is orientated towards anyone interested in social

networks and Web 2.0 tools and individuals who may be interested in this includes teachers, instructors, students and educational organisations, such as universities and schools. It may also be useful to those who have a general interest in social networks and Web 2.0 tools.



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## Keywords

Interactive learning environments; Evaluation of CAL systems; Computer-mediated communication; Cooperative/collaborative learning; Multimedia/hypermedia systems

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