Study of Effectiveness and Usability of Multimedia Courseware Integrated with 3-Dimensional Model as a Teaching Aid

Abstract

Tools based on Information Communication Technology (ICT) faced serious usability problem for effective implementation in education delivery. This paper presents the study of a multimedia courseware using 3-Dimensional (3D) model to teach topic Lines and Planes in 3-Dimensions. A field study with experimental approach was carried out on randomly selected students.
whereby a group of students was exposed to conventional learning whereas the other group was aided with 3D visualization software. We conclude that the latter group showed significant improvement in attention, response and recall of the content.

Reference

- Sultana Nasrin Nury, Xuan Zhu, Ian Cartwright and Laurent Ailleres. 2009. A 3-Dimensional Visualization - Decision Support Tool for Groundwater-Surface Water

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3-Dimensions
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