Abstract

This study aimed to investigate the effectiveness of using an e-book on Developing Mathematical Thinking Skills and Acquisition of Mathematical Concepts Among 5th Graders in Gaza. The researchers adopted the experimental approach. The Quasi Experimental Design (pre-post test for two groups) is adopted in the study. The sample of the study included (70) students from Bet Lahya Elementary School during the second term (2013-2014). The study sample consists of two classes have been randomly selected from the school 5th grade classes, one of them (36 students) has been chosen as experimental group and the other (34 students) as control group. Two tools were used, Mathematical thinking test and Mathematical Concepts Acquisition Test. The results revealed that there were statistically significant difference at (? = 0. 05) between the scores means of the experimental group and control group in mathematical thinking skills test in favor of the experimental group. Moreover there are also significant differences at (? = 0. 05) between the scores mean of the experimental group and control group in Acquisition of Mathematical Concepts in favor of experimental group. ?2 and d values which were calculated, indicated to large effectiveness of the used e-book on developing mathematical thinking skills and acquisition of mathematical concepts of 5th Graders in Gaza.
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Index Terms

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Keywords

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