

The Effect of Blended Learning on the Achievement of the Fourth Graders' and their Motivation towards Learning Mathematics in Jordanian Schools

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Abstract

This study aimed at investigating the effect of blended learning on the achievement of the fourth graders and their motivation towards learning Mathematics in Jordanian schools. The sample of the study consisted of (71) male and female fourth grade students (38 as an experimental group, 33 as a control group). The researchers constructed an achievement test and a motivation scale. The validity and reliability were ensured. The results of the study showed that the superiority of the experimental group on achievement and motivation tests. Also it showed that there was a significant difference between pre and post motivation tests in favor of the post-test.

Key words: Blended Learning, Mathematics, Motivation, The Basic Fourth Grader..

For the paper in Arabic see pages (485-518)