

The Effect of Using the Interactive Board on Sixth Grade Students' Achievement in Mathematics and Their Attitudes Towards

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ABSTRACT

This study aimed at investigating the effect of using the interactive board on sixth grade students' achievement in mathematics and their attitudes toward it. To achieve the aim of the study, instruments were prepared such as the achievement test to the achievement of the students, and questionnaire which contained (20) paragraphs, and the educational programs. The validity and the reliability of the instruments were confirmed.

The study sample was selected purposely from the sixth grade students of the Islamic educational schools in the academic year 2014 /2015. They were divided into two groups: the first was an experimental group which consisted of (27) students using the interactive board, and the second was a control group which consisted of (25) students who studied the same subject using the traditional method. The achievement test was conducted on both groups before starting the study application to confirm the equivalence between the groups, the same test was conducted after teaching maths.

The study showed statistically differences between the means of the students' grades of the experimental group which scored better results, and the means of students grades of the control group. The results of the research showed students positive attitudes towards using the interactive board. .

In the light of these results, the study provided some recommendations: employing interactive board in teaching mathematics because of their effective impact on educational achievement, and to conduct further research on the impact of interactive board on students' achievement in mathematics and their attitudes toward it.

Keyword: interactive board, achievement in Mathematics, attitude.