

THE EFFECT OF USING DAILY QUIZZES ON MATHEMATICS ACHIEVEMENT AND MATHEMATICS ANXIETY ON PREPARATORY PROGRAMS STUDENTS WITH MATHEMATICS LEARNING DIFFICULTIES IN IMAM MUHAMMAD BIN SAUD ISLAMIC UNIVERSITY

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ABSTRACT: *This research aimed to investigate the effect of using Daily Quizzes on Mathematics Achievement and mathematics anxiety on the preparatory programs students with Mathematics Learning Difficulties in Imam Muhammad bin Saud Islamic University. Quasi-experimental design was used in this study. The study sample included sixty-five students divided into two groups; an experimental group (30 students) and a control group (35 students). Experimental group students used Daily Quizzes in learning mathematics whereas those of the control group did not use Daily Quizzes. Lecturing was used with both groups. An achievement test that consisted of 16 questions was built and validated in order to measure the impact of using Daily Quizzes on students' knowledge, comprehension and problem solving and a mathematics anxiety scale was built and validated in order to measure the impact of using Daily Quizzes on students' mathematics anxiety, results showed, there are significant differences at the level of significance ($\alpha = 0.05$) in the impact of the use of Daily Quizzes in increasing academic achievement between the control and experimental groups for the experimental group, and there are no significant differences at the level of significance ($\alpha = 0.05$) in the impact of the use of Daily Quizzes in decreasing mathematics anxiety between the control and experimental groups, Daily Quizzes are recommended to be used in teaching, learning and assessment of mathematics in math classes in Saudi Arabia.*

KEY WORDS: *Assessment, Daily Quizzes, Achievement, Math anxiety, Preparatory Programs.*