

THE EFFECT OF USING MARZANO MODEL FOR LEARNING ON MATHEMATICAL THINKING ATTITUDE AND TOWARD MATHEMATICS OF THE BASIC STAGE STUDENTS IN TAFILA GOVERNORATE

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***Abstract_** The study aimed to investigate the effect of using Marzano model for Learning on mathematical thinking and attitude toward mathematics for the basic stage students in Tafila governorate. The participants were 70 male students of 7th grade in Tafila Basic School who registered in 2013/2014 in two sections, the first of them (experimental group) was taught by using Marzano model for Learning, and the other was taught by traditional method, to achieve the aims of the study, mathematical thinking measurement was used moreover an attitudes measurement, the reliability and validity of instruments have been tested. The main results of study were: There is statistical significant difference ($\alpha \leq 0.05$) between the two groups in both the attitudes and mathematics thinking in favor of experimental group. According to the results the researcher introduced some of suggestions and recommendations.*

***Key words:** Marzano Model, Attitude toward mathematics, mathematical thinking, and basic stage students.*