

# CONSTRUCTING A SCALE FOR MEASURING ATTITUDES OF HIGHER PRIMARY STUDENTS TOWARD MATH IN RAMALLAH & AL-BEIREH DISTRICT

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**ABSTRACT\_** This study aimed at constructing a psychometric scale for measuring students' attitudes toward math, and then experimenting and verifying the constructed scale among the students of Higher Primary Stage in Ramallah & Al-Beireh District. The study also aimed to extract the best criteria that fit this scale according to gender and class variables. To achieve these objectives, a 58-item scale was constructed to cover six domains. The scale was initially administered among a clustered –random sample of (652) male and female students. A number of statistical procedures were used to construct the scale. Hence, the 58-item scale was checked out using factor analysis technique which in turn resulted in having two standard groups; for each group the standard score and the modified standard score that equals each raw degree on the scale were both measured. The study results found no statistically significant differences between the student's attitudes towards math due to gender whereas significant differences were found due to class variable and the differences were in favor of 9th class students. Overall, the study was able to construct 40-item valid and reliable psychometric scale that cover four domains for measuring the attitudes of Higher Primary Stage students in Ramallah & Al- Beireh District.

**KEYWORDS:** Standardizing Scale, Attitudes, Attitudes towards Math, Higher Primary Stage.