

A Study of Math Anxiety in Relation to Academic Achievement of Secondary School Students

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Abstract: *This study examines math anxiety in relation to the academic achievement of secondary school students. Math is generally considered a difficult subject, causing fear and anxiety in students, which affects their academic achievement. The purpose of this study is to explore the relationship between math anxiety and academic achievement. For this purpose, data were collected from secondary school students. The Math Anxiety Scale was used to measure math anxiety and test results were used for academic achievement.*

Based on statistical analysis (correlation and t-test), it was found that there is a negative relationship between mathematical anxiety and academic achievement. Students with high math anxiety were found to have lower achievement, while students with low anxiety were found to have higher achievement.

Therefore, it can be concluded that math anxiety is an important factor affecting the academic success of students. Therefore, there is a need for such teaching strategies and supportive environment at the school level, which can reduce the mathematical anxiety of the students.

Keywords: Math anxiety, Academic achievement, relationship, secondary school students