

**SMARTPHONE UTILIZATION AND MATHEMATICS  
PERFORMANCE OF JUNIOR HIGH SCHOOL  
STUDENTS**

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## **ABSTRACT**

**SABADO, HONEY LEEN**, Davao del Sur State College (DSSC), Digos City, Davao del Sur. Institute of Teachers Education. July 2024, **"Smartphone Utilization and Mathematics Performance of Junior High School Students."** Undergraduate Thesis.

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Smartphones have been extensively utilized by students in the context of mathematics education and this influences their academic achievement in the subject. This study assessed the smartphone utilization and Mathematics performance of junior high school students at San Isidro National High School, utilizing descriptive-comparative research. A total of 153 respondents completed a survey questionnaire to measure smartphone utilization, while mathematics performance was evaluated based on first quarter grades in Math. Data analysis involved mean, Spearman's rho, Independent Samples Mann-Whitney U Test, and Kruskal Wallis Test. It was found that students had a moderate level of smartphone utilization. At 0.05 level of significance, it was found that there is no significant difference in the utilization of smartphone when classified by sex and type of smartphone. Thus, there is no significant

relationship between smartphone utilization and Mathematics performance of junior high school students.

**Keywords:** *Mathematics performance, smartphone utilization, Mathematics education, purpose of utilization, frequency of utilization*