

TEACHING MATHEMATICS USING MOBILE LEARNING APPLICATION

A Bachelor's Thesis

Presented to

THE COMMITTEE OF ORAL EXAMINERS

J.H. CERILLES STATE COLLEGE Dumingag Campus Dumingag, Zamboanga
del Sur

In Partial Fulfillment

of the Requirements for the Degree Bachelor of Science in
Secondary Education

by

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ABSTRACT

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Summary

This study dealt on using mobile learning application in teaching mathematics, School Year 2019-2020.

The participants of this study were Grade 9 students in Dumingag National High School. The researchers utilized the quasi-experimental pre-test post-test control and experimental group in gathering the data necessary to accomplish the purpose of the investigation. Frequency counts, percentage, and t-test were the statistical tools used in this study. The participants were the 52 Grade 9 students in one of the said municipality.

The study revealed that in the pretest of the first and second trial runs, both experimental and control groups showed poor performance but in the posttest, the experimental group performed better than the control group. In addition, the use of mobile learning application and lecture method both in the first and second trial runs proved to have increased the learning performance of the students. However, teaching Mathematics using mobile learning method. application was more effective than lecture

Finally, the study recommends that the teachers should Integrate the use of mobile learning app in teaching Mathematics subject as it had been proven to have good effect on students' learning performance in Mathematics.