

**THE EFFECTIVENESS OF THE DIFFERENTIATED INSTRUCTION IN  
TEACHING SELECTED LESSONS IN MATHEMATICS**



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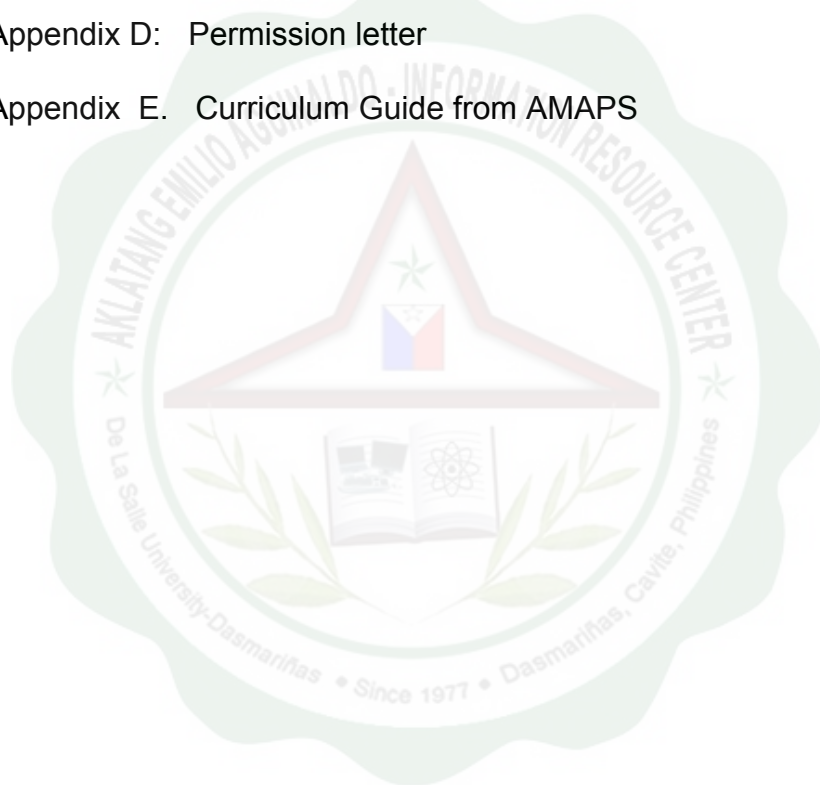
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## ABSTRACT

The research was carried out to determine whether the performance of the students in geometry who were subjected to differentiated instruction was better than students who were taught in the traditional mode of instruction. Specifically, the study aimed to determine the significant difference between the performance of the students who were subjected to differentiated instruction and those who were taught in traditional method in learning geometry lessons.

Based on the results of the study, the grade in integrated algebra and pretest results of students who were subjected to differentiated instruction and traditional methods of teaching geometry were insignificant. The grade and initial understanding of students in control and experimental groups were comparable or the same.

The performance of students in differentiated instruction is superior to students subjected to the traditional way of teaching as revealed when the posttest mean score of student in differentiated instruction was significantly different to the posttest mean score of student in traditional method.

In general, the findings of the study show that the use of differentiated instruction was significantly more effective than the traditional approach in teaching geometry.