# ABSTRACT

## COMPARING STUDENTS' ACHIEVEMENT IN LEARNING VOCABULARY THROUGH CLUSTERING TECHNIQUE AND DERIVATIONAL EXERCISES AT THE SECOND GRADE OF SMAN 1 KALIREJO

**By**

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This research was intended to compare which one gives higher achievement between Clustering Technique and Derivational Exercises in improving students' gain of vocabulary achievement. The research was conducted based on the problem in learning vocabulary. The problems were whether there is significant difference between students' gain achievement in learning vocabulary who were taught through Clustering Technique and Derivational Exercises and which one gives higher gain achievement between the techniques.

This research was quantitative research which used Two Group Pre-test Post test Design. The researcher chose two classes for the sample as the experimental classes to conduct the research. The data were collected from the result of pre-test and post test for the sample students in both classes. Both classes were given treatments, the first class using Clustering Technique and the second class using Derivational Exercises. After getting the data, the researcher analyzed it using Independent Group T-Test.

The result showed that the mean score of post test in the first class was 76.55 and the mean of post test in the second class was 62.79. Probability level (p) was 0.000 and it showed that it was lower than 0.05 ($p<0.05$). It means that Clustering Technique was significantly better than Derivational Exercises in improving students vocabulary achievement. Clustering Technique was a simple technique to be used in the classroom so that it can increase better for the students' vocabulary achievement. On the other hand, Derivational Exercises was rather complex technique because it includes grammatical rules to use it. It made the students difficult to increase their vocabulary achievement.