

ABSTRACT

One of the skills that must be mastered in English is reading. This reading skill is very important for learning English. By reading, students can gain some knowledge of English, such as vocabulary, pronunciation, prepositions, and others. One of the many methods that can improve reading skills is the jigsaw technique. The aim of study entitled "Cooperative Learning and Scientific Approaches" is to find out whether jigsaw techniques and scientific approaches can improve student's reading abilities or not. The study population was class X students of SMA Nurussalam. The sample of this study was two classes as a class X 4D experimental class and 4B control class X. All of the samples that were registered were in class X. The sample of this study was class X students, each class consist of 24 students. The experimental group will use Cooperative Learning using the Jigsaw Technique, and the control will use Scientific Approach. The researchers used quantitative method of pre-experimental, several groups, the pretest posttest, and the instruments was a conversation test, observation and interview. Based on the results of the analysis of this study, it can be seen that the degrees of significance in the experimental and control groups were 0.021 and 0.115. It can also cancel meaningful posttest data scores have an abnormal distribution. Because the significance level score is smaller than 0.05 Non-Parametric (Mann Whitney) tests were carried out and the result of the significance (2-tailed) was 0.028, which means that the H_0 can be replaced because <0.05 . Means the answer to the research problem is proven cooperative learning (jigsaw technique) is better than the method for learning to read narrative texts.

Keywords: *teaching, jigsaw technique, scientific approach to reading skills*

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