

PENGARUH STRATEGI PEMBELAJARAN POE TERHADAP HASIL BELAJAR SISWA

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ABSTRACT

This study is an experimental study in SMA N 2 Gorontalo who studied the results of learning by using POE learning strategies on learning physics. This study aims to see the effect of POE learning strategies for student learning outcomes. Effect of POE learning strategy on student learning outcomes can be seen from the presence or absence of class differences in learning strategies that use POE to class instead of using POE learning strategies. In this study involved two classes as objects of study of each class is divided into experimental and control classes. The whole class X in a SMA Negeri 2 Gorontalo in the study population and samples taken 2 classes as the withdrawal of the sample using random cluster sampling technique. This study was experimental pretest-posttest design with control group design Once the research and data have been obtained, then the data were processed statistically to determine the effect of POE learning strategies for student learning outcomes. Based on the testing criteria used were obtained that terdapat differences in learning outcomes between experimental classes and control classes. From a variety of testing criteria are used, shows that the hypothesis testing criterion is obtained $F_{\text{calculated}} > F_{\text{table}}$ (hypothesis accepted). Artifacts of differences in learning strategies class using POE to class instead of using learning strategies can be concluded that POE POE learning strategies affect student learning outcomes.

Key words: POE strategy, student achievement