

## ABSTRACT

### THE EFFECTIVENESS OF APPLICATION PROBLEM BASED LEARNING MODEL TO INCREASE CRITICAL THINKING STUDENTS OF SOCIOLOGY SUBJECT XI GRADE OF SMA AL KAUTSAR ACADEMIC YEAR 2014/2015

By

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This study aims to determine the effectiveness of learning by the application of problem-based learning model to improve students' critical thinking skills in the subject of sociology. The population in this study were all students of class XI IPS SMA Al Kautsar Bandar Lampung in academic year 2014 / 2015. The samples were taken using cluster random sampling technique. The method used is a quasi-experimental design with non-equivalent control group. Data collection techniques to the test. The first hypothesis testing using t test and efec size, while for the second hypothesis using N Gain. The results showed that the T test Based on the calculations for the second class, obtained Sig. 0.000 <0.05 and t count> t table, the t-test. tcount 6.624 and 1.68385 ttable so Ho rejected, which means Ha accepted because t count> t table. This means that there are differences in critical thinking skills of students learning using problem-based learning model and the model of expository. Based on the results of test calculations Efec calculate size d and r using the t value and df, the obtained cohen's d 1.50 and 0.60 are included in the efec size large criteria, so that it can be said that the effect is large. The effectiveness of learning seen from the calculation of the value of the N-Gain indicating that the value of N-Gain control class 0.45 and 0.59 figures obtained experimental class. This shows that the value of N-Gain experimental class is higher and in the category of good or effective.

Keywords: Problem-based learning, a model expository, critical thinking skills.