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**MODEL CREATIVE PROBLEM SOLVING (CPS)
DISERTAI METODE EKSPERIMEN
DALAM PEMBELAJARAN
FISIKA SISWA DI SMA**

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Abstract

This research is aimed to: (1) examine the differences between the student's achievement using creative problem solving model with experiment method; (2) examine the student's activities in class using creative problem solving model with experiment method; (3) to know the student's response after physic learning using creative problem solving model with experiment method This research was "Experimental" reserach and used "randomized post test only control group" for the design. The method to collect data in this research are observation, documentation, interview, test and questionnaire. The data analysis that used are: (1) t-test; (2) the percentage of student learning activities. The result of this research showed that the difference between student's achievement in class using creative problem solving model with experiment method and conventional learning class is significant; (3) the percentage of student's response. Student learning activities in learning that used creative problem solving model with experiment method in the experiment class is 79,7 %, it involve in very good category. Student's response that used creative problem solving model with experiment method in the experiment class is 82,15%, it involve in very good category.

Keyword: *creative problem solving model, experiment method.*