

## **ABSTRACT**

### **IMPLEMENTATION OF PROBLEM BASED LEARNING (PBL) AS AN EFFORT TO IMPROVE PARTICIPATION IN PRACTICAL GROUP AND STUDENT'S LEARNING ACHIEVEMENT**

**(Classroom Action Research in Class of X<sub>6</sub> in SMA Negeri 13 Bandar Lampung)**

**By**

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The low of student's result of study indicates that the learning process hasn't done optimally. It can be seen from student's result of study in physics in SMAN 13 Bandar Lampung class of X<sub>6</sub> is still low, it is 58,5 and the value of practice in physics is 59,5, while minimally passing criteria set for X grade is 60.

The problem of this research is how are (1) student's participation on practical group by using problem based learning. (2) how is the improvement of student's result of the study in physics in practical group by using problem based learning. The purpose of this research is (1) to describe student's participation in practical group by using problem based learning. (2) to describe the improvement of student's achievement in practical group by using problem based learning.

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The result of the research concludes that (1) student's participation in practical group

improves from the first cycle 10.53% become 36.84% or increase 26.31% on second cycle and become 70.5% or increase 34.21% on third cycle (2) Student's study result achievement increase from the first cycle 50% become 81.58% or increase 31.58% on second cycle and become 84.21% or increase 2.63% on third cycle.

Key word: problem based, participation, learning achievement