

## ABSTRACT

### A COMPARATIVE STUDY ON THE STUDENTS' PHYSICS LEARNING MASTERY WITH DIFFERENT PREREQUISITE KNOWLEDGE AND APPROACHES AT MADRASAH ALIYAH NEGERI 1 BANDARLAMPUNG IN 2009

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This research was aimed at knowing the different achievement percentage of students' remedial physics learning mastery using individual and group approaches. The research was conducted on the first semester of X grade students of Madrasah Aliyah Negeri 1 Bandar Lampung in the academy year 2009/2010 from August to October 2009. It is considered to be experimental research by giving 20 students remedial treatments through review learning using individual approach and the other 20 students using group approach. They were distinguished between students who have high and low prerequisite knowledge.

There were three research results. First, there was interaction between individual and group remedial treatments with the students' prerequisite skills. Second, there was a significant percentage difference on the students' learning mastery given remedial learning through individual and group approaches. Students who were treated by individual and group approaches were able to get 100% and 85% achievement respectively. Third, the percentage of the students' learning mastery having high prerequisite given remedial through individual and group approaches tended to be equal between students who have high and low prerequisite skills, that is 100%. However, the average score of those who have high prerequisite was higher than that of the low one. The percentage of the students' learning mastery having low prerequisite and been given remedial through individual approach was higher, that is 100% than those given remedial through group approach, only 73%. However, the students' average score using group remedial treatment was higher.