

**THE EFFECT OF PROBLEM-BASED LEARNING MODEL IN  
CURRICULUM 2013 TOWARDS THE STUDENTS LEARNING  
OUTCOMES ON LINEAR MOTION TOPIC IN GRADE X  
SMAN 2 KISARAN A. Y 2014/2015**

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**ABSTRACT**

The aim of this research was to know the the effect of the problem based learning model in Curriculum 2013 towards the students' learning outcomes in topic Uniform Linear Motion in Grade X SMAN 2 Kisaran. The research method was quasi experiment. The population were all of students in grade X MIA SMAN 2 Kisaran, that consist of 7 classes. The sample of this research was taken by purposive sampling technique, class X MIA-4 was experimental class used problem based learning model that consist of 36 students, and class X MIA-5 as control class used conventional learning, consist 33 students. Instruments that used in this research were non-test(questioner) and instrument test. The data was got from the test was analyzed by statistical analysis t-test. Based on research result by using Problem based-learning model that focus on planning, learning process and evaluation designing shown that there was significant increasing on experimental class. So, can be conclude that the student's learning outcomes using problem based learning model greater than conventional learning on Uniform Linear Motion topic in grade X SMA N 2 Kisaran.