

**THE EFFECT OF COOPERATIVE LEARNING MODEL TYPE GROUP
INVESTIGATION (GI) TO STUDENTS' LEARNING OUTCOME
ON LINEAR MOTION TOPIC IN 10TH GRADE SMA
SANTO THOMAS 3 MEDAN A.Y. 2014/2015**

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ABSTRACT

The objectives of this research is to know whether students' learning outcome by using cooperative learning model type group investigation is better than conventional learning in the subject matter linear motion in class X SMA SANTO THOMAS 3 MEDAN A.Y. 2014/2015

The research method was quasi experimental. The populations were all X IPA grade students in first semester that consist of 3 classes SMA Santo Thomas 3 Medan. The samples of this research conduct two classes and consist of 62 students, 31 from experiment class and 31 from control class and define by random cluster sampling. The results that were obtained: pre-test mean value of experiment class was 42.26 and 41.45 for control class and then post-test mean value of the experiment class was 80.48 and 64.03 was the mean value for control class. Standard deviation in pre-test were 7.62 in experiment class and 7.55 in control class and standard deviation in post-test for two classes were 6.87 and 8.89. Then, based on observation that done by observers by using observation sheet of students' affective and psychomotor. Students' affective score on last meeting of experiment and control class are 91.83 and 87.10 and students' psychomotor score on last meeting of experiment and control class are 85.01 and 80.78 .

From data, concluded that there was the Effect of Cooperative Learning Model Type Group Investigation on Students' Learning Outcome on Linier Motion Topic in 10th Grade SMA Santo Thomas 3 Medan. Its conclude that learning outcome by using Cooperative Learning Model Type Group Investigation is better than by using Conventional Learning on Linier Motion Topic in 10th Grade SMA Santo Thomas 3 Medan A.Y. 2014/2015.

Key word: Cooperative Learning Model Type Group Investigation, Students' Learning Outcome, .