

**THE IMPACT OF GROUP INVESTIGATION LEARNING MODEL ON THE  
STUDENT'S LEARNING MOTIVATION**

***(A Survey Of The X Science 4 and Science 5 Cross Economic Interest Levels Reached Of  
The 1st Rancaekek High School [2019/2020])***

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**ABSTRACT**

*This research is aimed at learning that there is an impact of the application of an investigation group learning model on the motivation of students at state high school 1 sciene in class 4 science and science 5. The approach used in the study is quantitative, with surveys and techniques used for data collection, as well as data processing techniques done are validity tests, reliability tests, and for data analysis using data normality tests, simple linear and coefficient determinations. From analysis of what has been done by test researchers which at r square's calculations show 0.460 this shows an increase of 46.0% on the student's learning motivation, meaning the group investigation learning model gives "considerable" impact on student study motivations, since the interpretation criteria on the resulting coefficient show  $> 0.25-0.5$ . In order to know the functional relationships between x variables and variable y they are used simple linear regression analysis with the following calculations:  $y = 23.260 + 1.811x$  which explains that if the learning model group investigation increases 1 point will cause an increased student motivation (variable y) of 1.811. Coefficient determinations are used to determine how variable x affects y. R variables by 0.678, while the contribution provided by R square indicates 0.460, it shows that an investigation group learning model of 46.0% on student motivation interests. The conclusion of the research hypothesis is that there is an influence, because there is an effect of variable x on variable y.*

**Keyword:** *learning model group investigation, educational motivation learning*