

**IMPLEMENTATION OF GROUP INVESTIGATION (GI)  
TO KNOW THE STUDENT ACHIEVEMENT IN  
FACTORIZATION ALGEBRAIC TOPIC  
IN GRADE VIII IN THE  
YEAR 2013/2014**

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**ABSTRACT**

This research aims to know the student achievement and response student in grade VIII by implementing Group Investigation (GI) in factorization algebraic topic.

Type of this research is Classroom Action Research (CAR). Subject in this research is student in class VIII-1 MTs. Islamiyah Londut LABURA that consists of 32 students. Object of this research is implementation of GI to knowing the student achievement and the response of student. This research is conducted in two cycles. Data in this research is obtained from student achievement test, observation sheet of teacher activity, questionnaire and documentation.

Data of observation result of student achievement indicates that by conducting GI in learning process, the questionnaire result, student achievement of the student is classified into good category. It is showed from the average of class score is 75.53 or 83.92%. From the questionnaire, we know that student think that mathematic is the useful subject and they also believe that GI is a good strategy in learning mathematics especially in algebra. Students also think that GI can make them more active in learning process and also can help them to increase their student outcome. Data of observation result of student outcome indicates that by conducting GI in learning process, Student achievement test is given in each meeting so this research has 2 tests. Test I represent result for cycle I and test II represent result for cycle II. Average class score of student achievement in cycle I is 72.18, total of complete student is 21 students (62.5%) and incomplete student is 12 students (37.5%). Average class score of student achievement in cycle II is 80.16, total of complete student is 29 students (90.63%) and incomplete student is 3 students (9.37%). Based on criteria of completeness, this result has fulfilled criteria of completeness in achievement. From result of analyze data in this research, it indicates that GI can increase student achievement in factorization algebraic topic.