

ABSTRACT

M. Gilang Agustian Nugraha (125050051). The Influence of The Implementation of Accelerated Learning Method to Increase The Mathematical Connection Capability for Junior High School.

The low of mathematics achievement allegedly caused by the effort to develop the ability of connection in schools rarely done, it automatically makes students' skill associated with other disciplines is very less. The lack of implementation efforts in the development of students' mathematical connection capability may be caused by the learning activities that are less effective so that the purpose of the learning is not reached. This research aims to improve students' mathematical connections. One of learning alternative that can improve students' mathematical connection is an Accelerated Learning method. Based on the method, this research is an experimental research design with pretest-posttest control group. The objects in this research are the students of class VII in SMP Nasional Bandung academic year of 2015-2016. While, the research samples were students of class VII in SMP Nasional Bandung as much as two class randomly selected. The instrument that used in the research is the description type test of mathematical connection capability and scale of attitude uses Likert Scale models. Attitude scale contains of statements about math, Accelerated Learning methods, and the problems of mathematical connection capabilities. The Test trialed first in class VIII SMP Nasional Bandung. Based on the analysis of the trial results, all about test item are possible for research. Data analysis was performed using the IBM SPSS Statistics 23 for Windows. Based on the analysis of research data, we concluded that improvement of students' mathematical connection capability who get Accelerated Learning method is better than the students who get expository, and the students are being positive towards the application of Accelerated Learning methods in the study of mathematics. Therefore, Accelerated Learning method can be used as an alternative for teachers in implementing the learning to make learning more active, effective and fun.

Keywords: Accelerated Learning Method, Mathematical Connection Capability.