

ABSTRACT

Nurbayani (2016). The Influence of Cooperative Learning Model Type Teams Games Tournament (TGT) of the Mathematical Communication Ability of High School Student

The communication mathematical ability is one the purpose of mathematics learning. But the mathematical communication ability of student is actually still low. Mathematics learning in Indonesia was give less opportunity for student to communicate their mathematics ideas. One alternative learning who was expected to give a positive effect in the ability of mathematical communication is cooperative learning type TGT. This research aimed to know what mathematical communication of student use TGT learning model is better than the usual learning and which the mathematical communication ability are considered more difficult and easier. This research method is experiment. The population of this research was X grade students of 25 Bandung Senior High School in the academic year 2015-2016 and the sample is two class, X MIA 1 as an experient class and X MIA 5 as the control class. The instrument of this research is essay of mathematical communication ability. Data analysis use Independent Sample t-Test. Based on analysis data of this research, the conclude is: mathematical communication of student use TGT learning model is better than the usual learning; the more difficult mathematical communication ability is read with understanding a written mathematical communication and the easier is declare everyday problems with mathematic language or symbol or create a model of problems.

Keywords: Cooperative Learning, Mathematical Communication, Teams Games Tournament