ABSTRACK

Fajar Zukhruf Zayzafuun. Effect of Connecting Learning Model Extending Organizing

Reflexting (CORE) in Mathematics Learning Mathematical

Communications Upgrades to High School Students

Mathematics is a compulsory subject in the primary school level to medium. Mathematical communication skills indispensable in understanding mathematics students. But the students' mathematical communication skills were still low. This caused karenaguru rarely train communication skills of students during the learning process. One alternative learning that can improve communication skills is a mathematical model of learning Connecting Organizing Reflexting Extending (CORE) .According to the method, this research is an experimental research. The population in this study were all students of class X SMA Kartika Bandung XIX-1 academic year 2015-2016. The research sample is class X SMA Kartika XIX-1 Bandung as much as two randomly chosen class by class. The instrument used in the research is test type description of the problems of mathematical communication skills and attitude scale using Likert Scale models. Attitude scale contains statements about math, learning model Connecting Organizing Reflexting Extending (CORE), and mathematical communication. Tests piloted first in class XI. Based on the analysis of the trial results, all about a decent test for research use. Data analysis was performed using t-test by SPSS 17.0 for Windows is by using the Independent Sample t-Test. Based on the analysis of research data, the conclusion: communication skills mathematical students who had learning model Model Connecting Organizing Reflexting Extending (CORE) is better than students who had learning models usual, students positive attitudes towards the use of the learning model Model Connecting Organizing Reflexting Extending (CORE) in mathematics. Therefore, the learning model Connecting Organizing Reflexting Extending (CORE) can be used as an alternative for teachers in implementing the learning to make learning more active, effective and fun.