

ABSTRACT

Nurhayati (125050102). The influence of Learning Model Project Based on increased the Ability to Communicate Mathematical Junior High School Students.

Learned mathematics is closely related to the thought process. The ability to analyse and communication is necessary to answer diverse problems in math. May be needed to the method or models is learned mathematics to improve the ability to communicate mathematically students. This study attempts to know whether the ability to communicate mathematically students who obtain lessons learned mathematics with a model project based learning better than students who obtain lessons learned mathematics with the conventional one. And to know how is the attitude of students against model based learning project. Research methodology is the method experiment. Population in this research is a student VII Junior High School Nusantara Bandung and research sample areas were students class VII taken two classes at random according to the class parallel at the school. An instrument used in this research is the test and scale of attitude. The test used is the test type the discussion. Scale attitude students with statements about the questions and learning model used. Test tried out first to 20 people students VIII MTs YKDC Sumedang. Based on the pilot (instruments about) is all about uji-t through the spss 22.0 for windows that is by using independent sample t-test. Based on data analysis that communication mathematical ability of students who obtain lessons learned mathematics with a model project based learning better than students who obtain lessons learned mathematics with conventional model. From the survey given on class experiment, information was obtained that if students positive on model project based learning. So that learning project model based learning can be used as an alternative for teachers in implementing learning to create an atmosphere of learning comfortable, active, effective and fun.

Password: *Communication Mathematical, Learning Project Based Learning*