

ABSTRACT

Komala Umbarawati. (2017). *Application of Learning Model Everyone Is A Teacher Here To Improve The Ability Of Mathematical Reasoning And Self Regulated Learning Junior High School Students.*

The underlying problems of this research include the students' math competency in Indonesia is still low compared with other countries in Asia, so it takes innovation in learning that can develop the ability of mathematical reasoning. The purpose of this study is: 1) To know the improvement of math reasoning ability of students who get the learning model Everyone Is A Teacher Here is better than students who get the conventional learning model; 2) To know Self Regulated Learning students who get the learning model Everyone Is A Teacher Here is better than students who get the conventional learning model; 3) To find out whether there is a relationship between students' mathematical reasoning ability with Self Regulated Learning. This research uses experiment method. The research design used is Pretest-Posttest Control Group Design. The population in this study is all students of class VII SMP Pasundan 2 Bandung. The sample of this research is the students of class VIIC as the experimental class and the students of class VIIE as the control class. The instrument used is a test of mathematical reasoning ability and self-regulated learning questionnaire students. Processing and data analysis using two Independent Sample t-Test and Mann Whitney test with the help of Microsoft Excel software and SPSS 18.0 for windows software. The results showed that: 1) Increased students' mathematical reasoning using the learning model Everyone Is A Teacher Here is significantly higher than students using conventional learning models; 2) Self regulated learning of students using the learning model Everyone Is A Teacher Here is better than using conventional learning model; 3) There is no correlation between students' mathematical reasoning ability with Self Regulated Learning. Thus the learning model Everyone Is A Teacher Here can be used as an alternative for teachers in implementing learning in the classroom.

Keywords: *Learning Model Everyone Is A Teacher Here, Student Maths Reasoning Ability, Self Regulated Learning Students*