

ABSTRACT

Melinda Nur Rahmatika (2016). The Effect Of Cooperative Learning Model In Pairs Check Type Thought The Increasing Of Understanding Mathematical On Senior High School's Student.

The understanding of mathematical skill is important for student to understand the mathematics. But, that skill of student is still relatively low. All this time, student feels so hard to study mathematics, it caused that they feel unconfidence in studying that lesson. Then, they did not have the motivated to study. One way of learning that can be increase the understanding of mathematical skill is cooperative learning model in pairs check type. This study purposed to know between the increasing of understanding mathematical skill that was student got on learning the pairs check model and the others group which used common model. Also, this study purposed to know the attitude of student toward the cooperative learning model in pairs check type. According to the model, this study belonging to experimental research. The population of study is taking all of the students in tenth class of Senior High School 9 Bandung periods 2015-2016. The sample of research took in two classes which has chosed randomly namely the student of tenth class MIA 5 as experimental class and the student of tenth class MIA 6 as controlling class. The instrument of this study was using type test like some questions about the understanding of mathematical skill and the attitude scale that used the scale of Likert model. The scale of attitude contained some statements about the cooperative learning model in pairs check type. The test had started firstly in the class of XI IPA 1. According to the experimental analysis, all the questions is related to use as the experiment. The data anlaysis has done with using T-Test thought SPSS 23.0 for windows program namely Independent Sample T-Test. Based on the result, it conclude that the increasing of understanding mathematical skill that was student got in cooperative learning model in pairs check type is good than students who got the common model of learning. Then, the student showed their postitive attitude toward the using of cooperative learning model in pairs check type to study mathematics. In conclusion, the cooperative learning model in pairs check type can be used as one of the alternative way for teachers to do the learning activity and build the atmosphere of active learning, be effective and cheerful.

Keywords: cooperative learning, mathematical understanding, pairs check