

ABSTRACT

Thesis with the title Learning Mathematics with Model TAI (Team Assisted Individualization) through Media Approach Kotif (Coins Positive and Negative Coins) to Improve Understanding Concepts Integer in Class VII SMP Islam Gandusari Trenggalek" . This was written by Muhammad Saifun Nukha, NIM. 3214113120 Department of Mathematics Education, Faculty of Tarbiyah and Science Teaching (FTIK), IAIN Tulungagung, which is guided by mom Asmarani, M. Pd.

Keywords: Learning Mathematics with Model TAI (Team Assisted Individualization) through Media Approach Kotif (Coins Positive and Negative Coins), Understanding Concepts.

This research is motivated by the learning of Mathematics The SMP Islam Gandusari Trenggalek still tend to be passive. Mathematics is a subject which emphasizes learners to search or find his own knowledge. Activity in the learning of Mathematics in Islamic Junior Gandusari Trenggalek tend to be dominated by teachers, learners tend to be passive, less teachers engage students so that the students' understanding unsatisfactory. Addressing the problems of this class action research implemented to improve student learning outcomes, One of the alternatives that can be used is to apply a learning model that helps activeness and creativity of learners is to apply Model TAI (Team Assisted Individualization) through Media Approach Kotif (Coins Positive and Negative Coins)

Based on the above background, the formulation of the problems arising in this thesis is (1) How is the learning model of TAI (Team Assisted Individualization) through Media Approach Kotif (Coins Coins Positive and Negative) can improve the understanding of learners class VII SMP Islam Gandusari on material integer operations? (2) How does the concept of students' understanding on the subject of class VII SMP integers Islam Gandusari after getting the learning model of TAI (Team Assisted Individualization) using kotif media?

The purpose of this study is (1) Describe the model of learning by applying the TAI (Team Assisted Individualization) through Media Approach Kotif (Coins Coins Positive and Negative) can increase students' understanding of class VII SMP Islam Gandusari the material integer operations. (2) Describe the students' understanding of concepts on the subject of integers class VII SMP Islam Gandusari after getting learning by using media kotif.

This type of research used in this research is a class act because the problem is solved comes from classroom practice as an effort to improve student understanding. The process of implementation of the class action include: (1) planning stage (planing), (2) implementation (act), (3) the stage of observation (Observe), and (4) the stage of reflection (reflection). The targets of this research is s class VII Islam Gandusari Trenggalek which consisted of 18 male students and 16 female students. As for data collecting technique uses tests, interviews, observation, field notes, and documentation. The test is used to obtain data on learning outcomes Mathematics class VII SMP Islam Gandusari Trenggalek .While the method of observation, interviews and field notes were used to collect data about the implementation of learning Mathematics, student response, the

state of students and researchers. Data analysis includes data reduction, data presentation, and conclusion indicators of success in this study if mastery of learners achieving 75% of the goals that should be achieved is the KKM 75.

The results showed that the study of mathematics to the model TAI (Team Assisted Individualization) Kotif media approach (Coins Positive and Negative Coins) on the material integers greatly assist students in understanding mathematics. Through eight stages in the Model TAI (Team Assisted Individualization) is 1) Teams, namely the establishment of the group, 2) Placement test, namely the provision of a pretest, 3) Student creative, carry out the task in a group, 4) Team study, the stage action learning, 5) Team scores and team recognition, namely scoring against the work of the group, 6) Teaching group, namely the provision of material briefly, 7) Facts test, namely the implementation of the tests was small, 8) Whole class units, namely the provision of material by teachers back at the end of the study period, the students are more active and easier to understand concepts in mathematics so as to make mathematics courses were considered difficult and scary to be more fun and interesting and able to be easily accepted by students.

It can be seen from the results of the evaluation given by the researchers is at the beginning of the test (pre-test) the average value of the percentage of students 66.47 38.23% completeness, followed the first cycle the average value of students reaching 74.11 with a percentage of 35.29% and completeness at the time of the second cycle students' average score increased to 88.82 with a percentage of 94.11% completeness. It can be concluded that the study of mathematics by model of TAI (Team Assisted Individualization) through media approach Kotif (Coins Positive and Negative Coins) can improve understanding of the concept integer class VII SMP Islam Gandusari Trenggalek academic year 2014/2015.