

**Implementation of Learning Model Team Games Tournament (TGT) Using the
Students Activity Sheet to Improve the Ability of Students at Junior High Schools
in Problem Solving**

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ABSTRACT

This study aims to determine the type of cooperative learning model Teams Games Tournament can improve mathematical problem solving ability of students in social arithmetic class VII MTs. N Kualuh Hulu.

This research is an action research conducted in two cycles that each implemented in 2 meetings. The subjects were students of class VII-D MTs. N Kualuh Hulu Academic Year 2013/2014 consisting of 32 people. Object of this research is to improve students' problem solving abilities on the material social arithmetic in class VII MTs. N Kualuh Hulu Academic Year 2013/2014.

Data collection was performed by initial tests, problem solving ability test at the end of the cycle and observation sheets for each sessions. From the initial test obtained the students who achieve a mastery learning is 3 of 32 students (9.38 %) . After giving the action, implementation the problem solving ability test I. From the results of problem solving ability test I obtained 11 of 32 students (34.38 %) have not reached mastery learning. In problem solving ability test II, total of students who achieve mastery learning are 28 of 32 students (87.5 %). It turns out that an increase in mathematical problem solving ability of students in arithmetic social using the model of cooperative learning teams Tournament games. This can happen it is caused to 87.5 % of the total number of students (28 of 32 students) have mastered the problem solving ability. While 4 students (12.5 %) is still not finished because the student is still difficult to understand the problem-solving abilities by applying measures problem-solving ability in solving the given problem . Based on the criteria of mastery learning classical learning has reached the target of mastery learning and research can be concluded successfully.

Advantages of application of this learning model is able to improve the problem solving skills of students in solving problems through discussion and student activities be brave in expression as well as performing in front of the class wrote his work.

The suggestion that will submitted in teaching mathematics, teachers should always instill the concept of matter, one of them using cooperative learning model Teams Games Tournament (TGT) as an alternative to improve the mathematical problem solving ability of students