

**IMPROVING OF ACTIVITY AN STUDENT LEARNING OUT COME BY  
APPLYING THINK-PAIR-SHARE ( TPS ) TYPE WITH  
DEMONSTRATION ON TOPIC THE DISTANCE IN 3D- SPACE IN X  
GRADE SMA SINAR HUSNI ACADEMIC YEAR 2016-2017**

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**ABSTRACT**

The problem in this research are the activities and the results of learning math students are still low. So this research aims to know the increase in activity and student learning outcomes after applied learning model cooperative types think pair share at The Distance in 3D-Space in high school in grade X Sinar Husni Academic Year 2013/2014.

Subjec in this study grade X Sinar Husni high school Medan Academic 2013/2014 that add up to 32 people and objects in this study is the activity and results of student learning material on The Distance in 3D-Space by using cooperative learning model types think pair share. Research instrument used is the observation and tests.

This research is a Research Action class (PTK) consisting of two cycles. In the execution of the cycle I, students are divided into several groups are heterogeneous origin based on initial tests. The group consists of 2 (paired). Whereas, in the implementation cycle II origin groups was formed on the basis of the results of the THB I I where each group consists of 2 people (a pair)

From the results of the analysis of the data obtained an increase in student learning activities are on the increase in the category of medium in which increased by 25% from 56.24% in cycle I became 81.24% in cycle II. Learning outcomes students also experienced an increase, this increase being seen from the presence of the addition of the number of students who obtained a pass learning that is 2 people. 20 people in the cycle I became the 22th person in cycle II and an increase in the average value of class 9 of 62.81 in cycle I became 67.19 in cycle II. Thus, it can be concluded that an increase in the category of very low on the activity and results of student learning after Applying Think-Pair-Share (TPS) Type with Demonstration on Topic The Distance in 3D-Space in X Grade SMA Sinar Husni Academic Year 2016-2017.