THE DIFFERENCE STUDENT LEARNING OUTCOMES USING THINK PAIR SHARE (TPS) OF THINKING EMPOWERMENT BY QUESTIONS (TEQ) TECHNICAL AND CONVENTIONAL LEARNING AT FIRST GRADE OF SMAN 1 BERASTAGI

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ABSTRACT

Learning outcomes are the learning achievements of learners who can be measured from the students after work the problems given by the teacher at the time of the evaluation carried out. Based on observation at SMA N 1 Berastagi, many students have low achievement in learning mathematics. They don't have preparation to do learning mathematic and some of them assume that it is difficult to understand. So, it needs technical to be done cooperative learning to increase students learning outcomes even though activity learning process.

The purpose of this research is to know the difference student mathematics learning outcomes using Think Pair Share (TPS) Learning Model by Using Thinking Empowerment by Questions (TEQ) Technical and conventional learning in First Grade of SMAN 1 Berastagi. The type of this research is experiment research. Subject in this research is students X-5 as experiment class and X-4 as control class SMA N 1 Berastagi with 32 students in each class. The experiment class I uses TPS learning model using TEQ and experiment class II uses conventional learning.

There is the difference of learning outcomes that taught by Think Pair Share (TPS) Learning Model by Using Thinking Empowerment by Questions (TEQ) Technical and than taught by conventional learning at First Grade of SMAN 1 Berastagi 2011/2012.The student's learning outcomes that taught by Think Pair Share (TPS) Learning Model by Using Thinking Empowerment by Questions (TEQ) Technical is better than taught by conventional learning. This research only conducts one test.

Key Word: TPS Learning Model, TEQ Technical, Experiment Research and Learning Outcomes