

**THE EFFECT OF COOPERATIVE LEARNING MODEL STAD
(STUDENTS TEAMS ACHIEVEMENT DIVISION) TYPE
ASSISTED BY CARD TEST OF THE LEARNING
OUTCOMES AT SUBJECT MATTER
MEASUREMENT CLASS X SMAN 5
MEDAN AT ACADEMIC
YEAR 2018/2019**

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ABSTRACT

This study aims to determine the effect of cooperative learning model STAD (Students Teams Achievement Division) Type assisted card test of the learning outcomes at the subject matter measurement in class X SMAN 5 Medan academic year 2018/2019. The population in this study were all students of class X MIPA which consist of 8 classes by the number students per class on average 34 students. While the samples were taken by purposive sampling technique that is as much as 2 classes X MIPA 3 and X MIPA 5 which amounted to 34 people. This type of study is quasi-experimental. Based on the result of the data analysis techniques, it is known that the student learning outcomes from the X MIPA 3 as experimental class (Cooperative learning model STAD (Students Teams Achievement Division) Type Assisted by Card Test) and X MIPA 5 as control class (conventional learning) has a normal distribution and uniform variance (homogeneous). While based on the acquisition of students learning outcomes seen significant difference in learning outcomes with the average students learning outcomes experimental class 71.18, while the students learning outcomes control class 66.62. And, the affective or attitude aspect of students uses a cooperative learning model STAD (student teams achievement division) type assisted by card test show that at the time of the first meeting, the average of students attitude or affective was 53.53% and for the second meeting the average of attitude students increase 68.53%. Thus it can be concluded that there are the effects of Cooperative learning model of STAD type at assisted test card in student learning outcomes in measurement topic on Grade X MIPA of SMAN 5 Medan Learning Year 2018/2019.

Keyword: Cooperative Learning Model STAD Type, Card Test, Measurement