THE EFFECT OF COOPERATIVE LEARNING MODEL TYPE NUMBERED HEADS TOGETHER (NHT) ON STUDENT'S ACHIEVEMENT ON SUB TOPIC EXPANSION IN GRADE VII SEMESTER II SMP N 1 TEBING TINGGI A.Y 2012/2013

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ABSTRACT

The objectives of this research are: (1) To know the student's achievement in physics subject taught by cooperative learning model type numbered heads together (NHT). (2) To know the student's achievement in physics subject taught by conventional learning model. (3) To know the effect of cooperative learning model type numbered heads together (NHT) on student's achievement especially on sub topic expansion. The type of research was quasi experiment with the population all of student grade VII in SMP N 1 Tebing Tinggi which consist of 9 classes. Sample of this research was obtained by technique cluster random sampling. The sample is VII_5 as the experiment class and VII_4 as the control class. Experiment class taught by cooperative learning model type Numbered Heads Together (NHT) and control class taught by conventional learning model. The research instrument has 20 questions in multiple choice forms with 4 options, the instrument tested validated. In this research obtained the mean of pre-test in experiment class is 38.15 and in control class is 38.52. After that do the treatment in experiment class taught by cooperative learning model type Numbered Heads Together (NHT) and in control class taught by conventional learning model, and then done the post-test. The mean of post-test in experiment class is 78.15 and in control class was 73.52. In hypothesis testing obtained $t_{count} > t_{table}$ that was 2.03 > 1.676 at significant level $\alpha = 0.05$ and dk =52. So, can be concluded that the student's achievement in experiment class better than in control class. Ha was accepted or has effect of cooperative learning model type Numbered Heads Together (NHT) on student's achievement on sub topic Expansion in Grade VII SMP N 1 Tebing Tinggi academic year 2012/2013.

Key word: Numbered Heads Together (NHT), student's achievement