THE EFFECT OF GUIDED INQUIRY LEARNING MODEL
ON STUDENT'S LEARNING OUTCOMES
IN TOPIC TEMPERATURE AND HEAT
IN CLASS X SEMESTER II
SMA N 1 BERASTAGI
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ABSTRACT

The purpose of this research is to know the effect of guided inquiry learning model on student's learning outcomes in topic temperature and heat in class X semester II academic year 2013/2014. The type of research is experimental research. The population is all students of class X SMA N 1 Berastagi Academic Year 2013/2014, consist of 9 classes. Two classes selected by cluster random sampling. One class as experiment class and another class as control class. Experiment class using Guided Inquiry Learning Model and control class using Conventional Learning. The instrument in this research is multiple choices and observation sheet, multiple choices with 5 obtains and had 20 questions was valid and observation sheet to measure the affective and psichomotoric of students. The test like multiple choices given in pre-test and post-test, and the observation sheet used in every meeting in twice of classes. To test the hypothesis using test t, but previously must tested the normality and homogeneity of the data.The result of research get the level of student's affective and psichomotoric in experiment class is good criteria. Result of student's learning affective at the first meeting, second meeting and the third meeting is increase. And in control class is less category with the developed at the first meeting, second meeting and third meeting just little. Result of student's learning psichomotoric in experiment class at the first meeting, second meeting and third meeting is increased. And in control class is less category because the value still low. From this research get the both of class is normal and homogeneous. After had the treatment the learning outcomes in experiment class greater than the learning outcomes in control class. Its mean there is the effect of Guided Inquiry Learning Model on Student's Learning Outcomes in Topic Temperature and Heat in Class X Semester II SMA N 1 Berastagi Academic Year 2013/2014.

Key Word : Guided Inquiry Learning Model, Student's Learning Outcomes, affective, psichomotoric.