

ABSTRACT

The implementation of M3PK to improve student's achievement toward chemistry for Senior High School (SHS) on the teaching of Hydrocarbon is explained. This research goal to see success of study process through approach of M3PK method . The research was conducted on the second year of State Senior High School SMA 1 Tebing Tinggi through teaching of students by using M3PK as an educational method and as an experimental class and compare with conventional method as control class, that was by comparing their ability to solve chemistry problems before and after the teaching processes have been carried out. Hydrocarbon was chosen as a chemistry subject because this topic has been taught for second semester SHS students and at the same time the research is conducted without interfere the studets and the teachers activity in the selected schools. After given by treatment conducted by postes, known that mean result of learning class better than control class. The result showed that the average of student's achievement in experimental class by using M3PK is 60.42 with standart deviation is 14.71 and the average student's achievement of conventional method is 70.69 with standart deviation is 14.50 , it means that student's achievement by using M3PK method is higher than the student's achievement by using conventional method and the t-test showed that P Value (significant 2 tailed)=0.0071. So, hypothesis is accepted. From result of research, can be concluded that the model of M3PK can improve student's achievement on the teaching of Hydrocarbon because both of class are significantly different by using t-test with two-tail is $0.0071 < 5\%$.

Keywords: M3PK, Student's Achievement On The Teaching Of Hydrocarbon.