

ABSTRAK

Paian Tamba. Pengaruh Model *Project Based Learning* Terhadap Keterampilan Berpikir Kreatif dan Pemecahan Masalah Siswa.

Penelitian ini bertujuan untuk mengetahui pengaruh model *project based learning* terhadap keterampilan berpikir kreatif dan pemecahan masalah siswa. Penelitian ini merupakan penelitian kuasi eksperimen. Populasi penelitian ini adalah semua siswa kelas X MIA SMA Cahaya Medan T.P. 2016/2017. Pemilihan sampel dua kelas dilakukan dengan menggunakan teknik cluster random sampling. Kelas pertama adalah kelas X-MIA1 sebagai kelas eksperimen yang diajarkan dengan model *project based learning* dan kelas kedua adalah kelas X-MIA 2 sebagai kelas kontrol yang diajarkan dengan pembelajaran konvensional. Instrumen terdiri dari tes keterampilan berpikir kreatif dan tes pemecahan masalah. Data dalam penelitian ini dianalisis dengan menggunakan uji *independent sample t-test*. Hasil penelitian menunjukkan bahwa keterampilan berpikir kreatif siswa yang diajar menggunakan model *project based learning* lebih baik daripada pembelajaran konvensional. Keterampilan pemecahan masalah siswa yang diajar menggunakan *project based learning* lebih baik daripada pembelajaran konvensional.

Kata kunci: model *project based learning*, keterampilan berpikir kreatif, pemecahan masalah



ABSTRACT

Paian Tamba. The Effect of Project Based Learning Model for Students' Creative Thinking Skills and Problem Solving.

The purposes of this research were to analyze the effect of project based learning model type for student's creative thinking skills and problem solving. This research was a quasi experiment research. The population was all students of class X MIA SMA Cahaya Medan academic year 2016/2017. The sample selection was done by using cluster random sampling technique of two classes. The first class was the class X-MIA 1 as an experimental class taught with project based learning model and the second class was class X-MIA 2 taught by conventional learning. The instruments consisted of a creative thinking skills test and a problem solving test. The data in this research were analyzed by using independent-samples t-test. The results showed that the creative thinking skills of students who were taught using project based learning model better than conventional learning. The problem solving of students who were taught using project based learning model better than conventional learning.

Keywords: project based learning model, creative thinking skills, problem solving

