

ABSTRAK

Rizki Akbar, NIM : 5111121006 *“Pengaruh Penerapan Model Pembelajaran Problem Based Learning Dengan Numbered Head Together Terhadap Hasil Belajar Menggambar Teknik Siswa Kelas X Program Keahlian Teknik Permesinan Smk Negeri 2 Medan”*

Penelitian yang di lakukan bertujuan untuk mengetahui pengaruh model pembelajaran Problem based Learning Dengan Numbered Head Together . Metode yang di gunakan dalam penelitian ini yaitu metode eksperimen yaitu memberikan perlakuan yang berbeda kepada dua kelompok penelitian.

Penelitian ini di lakukan pada kelas X Teknik Permesinan SMK Negeri 2 Medan Tahun Ajaran 2017/2018. Subject penelitian terbagi atas 2 kelas dan secara acak di tentukan kelas eksperimen dengan kelas control, X TP 3 sebagai kelas control yang di ajarkan dengan perlakuan strategi pembelajarasn Numbered Head Together dan X TP 4 sebagai kelas eksperimen yang di ajarkan dengan perlakuan Problem Based Learning. Penelitian ini bertujuan untuk meningkatkan hasil belajar menggambar teknik siswa kelas X TP SMK Negeri 2 Medan.

Hasil uji yang di lakukan menunjukan bahwa hasil belajar menggambar teknik dengan materi ajar konstruksi geometris pada pengujian hipotesis pada taraf signifikan 0,05 dan dk = 64 diperoleh $t_{hitung} = 4,168$ dan $t_{tabel} = 3,449$ karena $t_{hitung} > t_{tabel}$ berarti H_a diterima dan H_o ditolak, sehingga dapat disimpulkan bahwa ada pengaruh yang signifikan terhadap pembelajaran kelas eksperimen dengan pembelajaran kelas kontrol terhadap hasil belajar siswa.

Kata Kunci: Model Pembelajaran Problem Based Learning Dengan Numbered Head Together, Dan Hasil Belajar.

ABSTRACT

Rizki Akbar, NIM 5111121006 "Effect of Application of Problem Based Learning Learning Model with Numbered Head Together on Technical Drawing Learning Outcomes of Class X Students of Smk State Engineering Expertise Program 2 Medan"

The research was conducted to find out the effect of Problem based Learning learning model with Numbered Head Together. The method used in this study is the experimental method of giving different treatments to two research groups.

This research was conducted in class X Engineering Machinery SMK Negeri 2 Medan 2017/2018 Academic Year. Subject research was divided into 2 classes and randomly assigned experimental class with control class, X TP 3 as control class which was taught by Numbered Head Together learning strategy treatment and X TP 4 as experimental class taught with Problem Based Learning treatment. This study aims to improve the results of learning to draw techniques for students of class X TP SMK Negeri 2 Medan.

The results of the tests showed that the results of learning to draw techniques with geometric construction teaching material on hypothesis testing at a significant level of 0.05 and dk 64 obtained t_{count} 4,168 and t_{table} 3.449 because $t_{\text{count}} > t_{\text{table}}$ means that H_a is accepted and H_o is rejected, so it can be concluded that there is a significant influence on experimental class learning with classroom learning control of student learning outcomes.

Keywords: Problem Based Learning Learning Model with Numbered Head Together, and Learning Outcomes