

ABSTRAK

Reza Taher Pulungan: *Penerapan Strategi Pembelajaran Problem Solving Untuk Meningkatkan Aktivitas Dan Hasil Belajar Menggambar Teknik Siswa Kelas XI Teknik Permesinan SMK Negeri 2 Padangsidempuan*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2016.

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa pada mata pelajaran menggambar teknik dasar pokok bahasan menggambar proyeksi benda dengan menerapkan strategi pembelajaran *Problem Solving* di kelas XI Teknik Permesinan SMK Negeri 2 Padangsidempuan.

Penelitian ini adalah penelitian tindakan kelas (PTK), Subjek dalam penelitian ini siswa kelas XI Teknik Permesinan SMK Negeri 2 Padangsidempuan tahun pelajaran 2015/2016 sebanyak 24 siswa. Pelaksanaan tindakan dilakukan sebanyak 2 siklus, dimana setiap siklus dilakukan 2 kali pertemuan. Dalam setiap siklus dilakukan 4 tahap yaitu, perencanaan, pelaksanaan, pengamatan, dan refleksi. Instrumen yang digunakan dalam penelitian ini adalah tes yang berbentuk soal pilihan berganda dan lembar observasi aktivitas siswa.

Pada siklus I di peroleh nilai rata – rata siswa 70.4 dengan ketuntasan belajar siswa sebanyak 13 orang (54.2%) sedangkan hasil observasi aktivitas siswa pertemuan pertama 37.54% dan pertemuan kedua di peroleh rata – rata 52.28% tergolong rendah. Pada siklus II di peroleh nilai rata – rata 82.1 dengan ketuntasan belajar sebanyak 22 orang (91.2%) yang telah tuntas, dan 2 orang (8.3%) masih belum tuntas, sedangkan hasil observasi aktivitas siswa pertemuan pertama di peroleh rata – rata 70.8% tergolong sedang dan pertemuan kedua di peroleh nilai 84.14% tergolong tinggi.

Disimpulkan bahwa dengan menggunakan Strategi pembelajaran *Problem Solving* dapat meningkatkan hasil belajar gambar teknik dasar pokok bahasan menggambar proyeksi benda dari ulangan harian rata-rata hasil belajar 60 kemudian dilakukan tindakan pada siklus I rata-rata hasil belajar 70.4 sedangkan pada siklus II rata-rata hasil belajar 82.1 .

Kata Kunci : Strategi pembelajaran Problem Solving, Aktivitas, Hasil Belajar.

ABSTRACT

Reza Pulungan Taher : the application of Learning strategies of Problem Solving to increase the activity and results of the learn to draw Engineering Students of Class XI Machining technique of SMK Negeri 2 Padangsidimpuan. Thesis. Engineering Faculty Of The State University Of Medan. 2016.

This research aims to improve the learning outcomes of students in the subjects of basic drawing techniques subject to draw objects by applying projections of learning strategies of Problem Solving in class XI Machining technique of SMK Negeri 2 Padangsidimpuan.

The research is the research action class (PTK), subjects in this research grade XI Machining technique of SMK Negeri 2 Padangsidimpuan year 2015/2016 lessons as much as 24 students. The implementation of the actions done 2 cycles, where each cycle performed 2 times. In each cycle performed 4 stages, namely, planning, implementation, observation, and reflection. The instruments used in this research is a test in the form of multiple choice question the observation sheet and activity of students.

On cycle I in the mean value obtained by average 70.4 with students – completeness students can study as many as 13 people (54.2%) whereas the results of the observation activities of the students first encounter 37.54% and the second meeting was obtained on average median 52.28% belongs to low. Cycle II in the median values obtained – average 82.1 with completeness learn as many as 22 people (91.2%) that had been prepared, and 2 (8.3%) is still not finished, while the observation activities of acyl students first encounter in getting average – mean of 70.8% belongs to the medium and the second meeting at 84.14% value gain belongs to high.

It was concluded that by using Problem Solving learning Sterategi can improve the results of learning the basic techniques of drawing subject drew projection of objects from Deuteronomy average daily yield learning 60 then conducted actions on cycle I study results average 70.4 while on cycle II study results average 82.1 .

Key words : Problem Solving learning Sterategi, activities, the results of the study.