

ABSTRAK

Teguh Pratama. Nim 5122111008. Pengaruh Strategi Pembelajaran *Discovery Learning* Terhadap Hasil Belajar Gambar Konstruksi Bangunan Siswa Kelas XI Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2019

Penelitian ini bertujuan untuk mengetahui pengaruh hasil belajar siswa pada mata pelajaran gambar konstruksi bangunan melalui Penerapan Strategi Pembelajaran *Discovery Learning* pada siswa kelas XI Program keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan semester ganjil Tahun Ajaran 2018/2019 yang berjumlah 52 siswa, yaitu kelas eksperimen (TGB 2) = 26 siswa dan kelas kontrol (TGB 1) = 26 siswa

Metode yang digunakan dalam penelitian ini adalah quasi eksperimen. Berdasarkan desain penelitian di atas kedua kelompok diberi tes awal dengan tes yang sama. Setelah diberi perlakuan yang berbeda kedua kelompok dites dengan tes yang sama sebagai tes akhir. Hasil kedua tes akhir dibandingkan (diuji perbedaannya) demikian juga hasil tes awal pada kelas kontrol dan eksperimen guna mengetahui kemampuan awal siswa apakah berbeda sebelum diberi perlakuan. Perbedaan antar kedua tes akhir pada kelas eksperimen dan kelas kontrol menunjukkan pengaruh dari perlakuan yang diberikan. Hasil penelitian diambil dari tes praktek hasil belajar siswa.

Pada hasil pre test diperoleh $t_{hitung} < t_{tabel}$ ($0,553 < 1,676$), serta nilai $\bar{x}$ kelas Eksperimen = 74,19, sedangkan $\bar{x}$ kelas Kontrol = 73,08 yang berarti tidak berbeda secara signifikan, atau sama kemampuan awal siswa kelas kontrol maupun kelas eksperimen pada mata pelajaran Gambar Konstruksi Bangunan SMK Negeri 1 Percut Sei Tuan. Sedangkan data hasil Post test diperoleh uji hipotesis dengan ketentuan $t_{hitung} > t_{tabel}$ diperoleh nilai $4,906 > 1,676$, serta perbedaan nilai hasil belajar Gambar Konstruksi Bangunan kelas eksperimen lebih tinggi, yaitu $\bar{x}$ kelas Eksperimen = 88,04, sedangkan $\bar{x}$ kelas Kontrol = 77,92. penelitian ini membuktikan bahwa strategi pembelajaran *discovery learning* memberikan pengaruh yang berbeda secara signifikan terhadap hasil belajar Gambar Konstruksi Bangunan siswa kelas XI Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Percut Sei Tuan.

Kata kunci : Strategi Pembelajaran *Discovery Learning* , Hasil Belajar.

ABSTRACT

Teguh Pratama. Nim 5122111008. The Influence of Discovery Learning Learning Strategies Against Result of Learning Building Construction Drawing SMK Negeri 1 Percut Sei Tuan. skripsi. Engineering Faculty of The State University of Medan. 2019

This research aims to know the influence in activity and results of student learning in the subjects building construction drawing through the application of Discovery Learning Learning Strategies on the grade XI Engineering Program Image of the building at SMK Negeri 1 Percut Sei Tuan odd semester academic year 2018/2019 totalling 52 student, namely the experimental class (TGB 2) = 26 students and the control class (TGB 1) = 26 students.

The method used in this study is quasi-experimental. Based on the study design, the two groups were given initial tests with the same test. After being given different treatment the two groups were tested with the same test as the final test. The results of the two final tests were compared (tested for differences) as well as the results of the initial tests on the control and experimental classes to determine whether students' initial abilities were different before being treated. The difference between the two final tests in the experimental class and the control class shows the effect of the treatment given. The results of the study were taken from student learning outcomes practice tests.

The results of the pre test obtained $t_{count} < t_{table}$ ($0.553 < 1.676$), and the value of $\bar{x}$ Experimental class = 74.19, whereas $\bar{x}$ Control class = 73.08 which means that it does not differ significantly, or the same as the initial ability of the control class and class experiments on subjects in Building Construction Pictures of SMK Negeri 1 Percut Sei Tuan. While the results of the Post test data obtained hypothesis testing with the determination of $t_{count} > t_{table}$ obtained value of $4.906 > 1.676$, and differences in learning outcomes value of Building Construction Pictures experimental class is higher, namely $\bar{x}$ Experimental class = 88.04, while $\bar{x}$ Control class = 77.92. This study proves that discovery learning learning strategies have a significantly different effect on the learning outcomes of Building Construction students in class XI Building Image Engineering Expertise Program at SMK Negeri 1 Percut Sei Tuan.

Keywords: Discovery Learning Learning Strategy, the results of the study