

ABSTRAK

Christian Hadinata Simbolon NIM 5192411003: Pengaruh Model Pembelajaran *Team Based Project* Untuk Meningkatkan Hasil Belajar Siswa Pada Mata Pelajaran Gambar Teknik Kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan Di SMK Negeri 14 Medan. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2023

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Team Based Project* terhadap hasil belajar siswa pada mata pelajaran Gambar Teknik kelas X Program Keahlian Desain Pemodelan dan Informasi Bangunan di SMK Negeri 14 Medan. Berdasarkan nilai ulangan harian Gambar Teknik siswa kelas X DPIB 1 SMK Negeri 14 Medan masih banyak siswa yang nilainya tidak mencapai standar KKM sehingga peneliti melakukan penelitian ini. Penelitian ini dilakukan pada semester Ganjil tahun ajaran 2022/2023. Metode penelitian yang digunakan pada penelitian ini yaitu metode *quasi eksperimen* yang membandingkan hasil belajar siswa yang diajarkan dengan menggunakan model Demonstrasi dengan model *Team Based Project*. Teknik pengumpulan data yang digunakan dalam penelitian ini yaitu menggunakan tes hasil belajar dalam bentuk soal pilihan berganda sebanyak 22 butir soal yang sudah diuji validitas tes tersebut dan dinyatakan valid. Hasil penelitian ini menunjukkan bahwa hasil belajar Gambar Teknik siswa yang diajarkan dengan model pembelajaran *Team Based Project* lebih tinggi daripada hasil belajar siswa yang diajarkan dengan model pembelajaran Demonstrasi. Hal ini dapat dilihat dari data hasil penelitian rata-rata hasil belajar siswa yang diajarkan dengan model pembelajaran *Team Based Project* sebesar 81,34 sedangkan rata-rata hasil belajar siswa yang diajarkan dengan model pembelajaran Demonstrasi sebesar 63,75. Perbedaan hasil belajar model pembelajaran *Team Based Project* dibuktikan dengan analisis statistik uji-t satu pihak yang menunjukkan $t_{hitung} 4,262 > t_{tabel} 1,670$. Pada model pembelajaran *Team Based Project* siswa lebih giat belajar karena dengan model tersebut siswa bekerja secara berkelompok dan saling berkomunikasi antar siswa sehingga hasil belajarnya dapat meningkat. Pembelajaran dengan model pembelajaran Demonstrasi menyebabkan siswa cenderung bersikap pasif yaitu hanya dapat menerima pelajaran yang diajarkan oleh Guru saja, tetapi siswa sulit menerapkan yang ajarkan oleh Guru ke dalam pelaksanaan *project*.

Kata Kunci : *Team Based Project*, Demonstrasi, Hasil Belajar, Gambar Teknik, SMK Negeri 14 Medan.

ABSTAKT

Christian Hadinata Simbolon NIM 5192411003: *The Influence of the Team Based Project Learning Model to Improve Student Learning Outcomes in the Class X Engineering Drawing Subject, Modeling Design and Building Information Expertise Program at SMK Negeri 14 Medan. Essay. Faculty of Engineering, Medan State University. 2023*

This study aims to determine the effect of the Team Based Project learning model on student learning outcomes in the subject of Engineering Drawing class X Building Information and Modeling Design Expertise Program at SMK Negeri 14 Medan. Based on the daily test scores for Engineering Drawing class X DPIB 1 SMK Negeri 14 Medan there are still many students whose grades do not reach the KKM standard so the researchers conducted this research. This research was conducted in the odd semester of the 2022/2023 academic year. The research method used in this study is a quasi-experimental method that compares student learning outcomes taught using the Demonstration model with the Team Based Project model. The data collection technique used in this research is using a learning achievement test in the form of multiple choice questions of 22 items which have been tested for the validity of the test and declared valid. The results of this study indicate that the learning outcomes of students who are taught with the Team Based Project learning model are higher than the learning outcomes of students who are taught with the Demonstration learning model. This can be seen from the research data, the average learning outcomes of students who are taught with the Team Based Project learning model is 81.34%, while the average learning outcomes of students who are taught with the Demonstration learning model are 63.75%. The influence of the learning outcomes of the Team Based Project learning model is proven by statistical analysis of the one-party t-test which shows $t_{count} 4.262 > t_{table} 1.670$. In the Team Based Project learning model students prefer to learn because with this model students work in groups and communicate with each other so that their learning outcomes can increase. Learning with the Demonstration learning mode causes students to tend to be passive, that is, they can only accept the lessons taught by the teacher, but students find it difficult to apply what the teacher teaches into project implementation.

Keywords: *Team Based Project, Demonstration, Learning Outcomes, Technical Drawing, SMK Negeri 14 Medan.*