

ABSTRAK

Nismawaty silaban. NIM 5143111014. Penerapan Model Pembelajaran *Contextual Teaching and Learning* (CTL) Untuk Meningkatkan Hasil Belajar Ilmu Ukur Tanah Siswa kelas X Program Keahlian Teknik Gambar Bangunan (TGB) SMK Negeri 1 Lubuk Pakam. Skripsi. Fakultas Teknik-Universitas Negeri Medan. 2019.

Penelitian ini bertujuan untuk meningkatkan hasil belajar ilmu ukur tanah siswa kelas X program keahlian teknik gambar bangunan. Penelitian menggunakan *model pembelajaran contextual teaching and learning*. Jenis penelitian ini adalah penelitian tindakan kelas (PTK) yang terdiri dari siklus I dan siklus II. Siklus ini terdiri dari tahapan perencanaan, pelaksanaan, pengamatan, dan refleksi. Subjek penelitian ini adalah siswa kelas X teknik gambar bangunan sebanyak 33 orang. Teknik pengumpulan data tes hasil belajar siswa adalah dengan menggunakan lembar observasi, tes soal pilihan berganda dan lembar kerja siswa (*job sheet*). Dari hasil penelitian pada siklus I diperoleh persentase hasil belajar sikap siswa pertemuan pertama nilai rata-rata 77,38 dan persentase kelulusan yaitu 81,81% meningkat pada siklus II pertemuan pertama menjadi 82 dengan persentase kelulusan 100%, hasil belajar siswa siklus pertama pertemuan kedua nilai rata-rata 78,51 dengan persentase kelulusan 84,84% menjadi 87,02 dengan ketuntasan 100%. Hasil belajar pengetahuan siswa pada siklus I nilai rata-rata sebesar 84,52 dengan persentase kelulusan 90,63% meningkat pada siklus II dengan nilai rata-rata 90,57 dengan persentase kelulusan 100%. Hasil belajar keterampilan siswa pada siklus I nilai rata-rata 83,09 dengan persentase kelulusan 96,97% meningkat pada siklus II dengan nilai rata-rata 88,88 dengan persentase kelulusan 100%. Hasil belajar pada siklus I dan II masing-masing mengalami peningkatan 18,18%, 15,16%, 9,37%, dan 3,03%. Berdasarkan penelitian dapat disimpulkan bahwa dengan penerapan model pembelajaran *contextual teaching and learning* dapat meningkatkan hasil belajar siswa pada mata pelajaran ilmu ukur tanah dikelas X program keahlian teknik gambar bangunan SMK Negeri 1 Lubuk Pakam.

Kata Kunci: Hasil belajar, Model Pembelajaran *Contextual Teaching and Learning* (CTL), Ilmu Ukur Tanah

ABSTRACT

Nismawaty silaban. NIM 5143111014. Application of Learning Model Contextual Teaching and Learning (CTL) To Improve Learning Outcomes of Land Measuring Science in Class X Building Image Engineering Expertise Program (TGB) of SMK Negeri 1 Lubuk Pakam. Essay. Faculty of Engineering-State University Of Medan. 2019.

This research aims to improve the learning outcomes of soil measuring science students of class X building engineering drawing programs. The study uses a learning model contextual teaching and learning. This type of research is classroom action research (CAR) which consists of cycle I and cycle II. This cycle consists of stages of planning, implementation, observation, and reflection. The subjects of this study were students of class X building drawing techniques as many as 33 people. The technique of collecting student learning outcomes test data is to use observation sheets, multiple choice tests and student worksheets (job sheets). From the results of the research in the first cycle obtained the percentage of student attitudes learning outcomes of the first meeting an average value of 77.38 and the percentage of graduation is 81.81% increased in the second cycle of the first meeting to 82 with a percentage of 100% graduation, student learning outcomes first cycle second meeting the average value is 78.51 with a graduation percentage of 84.84% to 87.02 with 100% completeness. Learning outcomes of students' knowledge in the first cycle had an average value of 84.52 with a graduation percentage of 90.63% increasing in cyclical II with an average score of 90.57 with a percentage of 100% graduation. The results of learning skills of students in the first cycle an average value of 83.09 with a graduation percentage of 96.97% increasing in the second cycle with an average value of 88.88 with a percentage of 100% graduation. Learning outcomes in the first and second cycles increased 18.18%, 15.16%, 9.37%, and 3.03% respectively. Based on the research it can be concluded that by applying the contextual teaching and learning learning model can improve student learning outcomes in soil measuring sciences subjects in class X engineering drawing program building drawings of SMK Negeri 1 Lubuk Pakam.

Keywords: Learning Outcomes, Contextual Teaching and Learning (CTL), Soil measurement.