

ABSTRAK

Siti Doharni Nasution. NIM 5132111012. “Penerapan Model Pembelajaran *Index Card Match* Untuk Meningkatkan Aktivitas Dan Hasil Belajar Kontruksi Bangunan Siswa Kelas X Program Keahlian Teknik Gambar Bangunan SMK Negeri Binaan Provinsi Sumatera Utara Tahun Ajaran 2017/2018”. Skripsi, Fakultas Teknik – Universitas Negeri Medan. 2017

Penelitian ini bertujuan untuk mengetahui peningkatan aktivitas dan hasil belajar siswa pada mata pelajaran Konstruksi Bangunan melalui penerapan model pembelajaran *Index Card Match*. Penelitian dilaksanakan di SMK Negeri Binaan Provinsi Sumatera Utara semester ganjil Tahun Ajaran 2017/2018. Subjek penelitian adalah siswa kelas X Program Keahlian Teknik Gambar Bangunan yang berjumlah 22 orang. Metode penelitian yang digunakan adalah penelitian tindakan kelas. Penelitian dilaksanakan dalam dua siklus yang masing-masing siklus terdiri dari satu kali pertemuan. Setiap siklus terdiri dari tahapan perencanaan (*planning*), tindakan (*acting*), pengamatan (*observing*), dan refleksi (*reflecting*). Teknik pengumpulan data dengan observasi dan tes hasil belajar. Dari hasil penelitian pada siklus I didapat aktivitas belajar siswa dengan kategori kurang aktif sebanyak 9 siswa, cukup aktif sebanyak 9 siswa, dan aktif sebanyak 4 siswa, sedangkan pada siklus II aktivitas siswa mengalami peningkatan yaitu kategori cukup aktif sebanyak 9 siswa, aktif sebanyak 9 siswa, dan untuk kategori sangat aktif sebanyak 4 siswa. Hasil belajar siswa pada siklus I dengan kategori tidak kompeten sebanyak 6 siswa dengan persentase 27,27%; cukup kompeten sebanyak 2 siswa dengan persentase 9,09%; kompeten sebanyak 8 siswa dengan persentase 36,36%; dan sangat kompeten sebanyak 6 siswa dengan persentase 27,27% dengan rata-rata hasil belajar siswa sebesar 81,42 dan belum kompeten secara klasikal dengan persentase keseluruhan 72,72%. Sedangkan pada siklus II mengalami peningkatan yaitu kategori kurang kompeten sebanyak 2 orang dengan persentase 9,09%, cukup kompeten sebanyak 2 orang dengan persentase 9,09%, kompeten sebanyak 8 orang dengan persentase 36,36%, dan kategori sangat kompeten sebanyak 10 orang dengan persentase 45,45% dengan rata-rata hasil belajar siswa sebesar 86,80 dan kompeten secara klasikal dengan persentase 90,90%. Hasil penelitian menunjukkan pengajuan hipotesis yang menyatakan bahwa penerapan model pembelajaran *Index Card Match* dapat meningkatkan aktivitas dan hasil belajar siswa pada mata pelajaran konstruksi bangunan dapat diterima.

Kata Kunci: Aktivitas, Hasil Belajar, *Index Card Match*

ABSTRACT

Siti Doharni Nasution. Registration number : 5132111012. “Applying model study of Index Card Match to increase activity and result of learning building construction of the student class X State Vocational High School Binaan program the membership of building drawing techniques in the teaching year 2017/2018”. Thesis. Faculty of Technique – State University of Medan. 2017.

This study aims to determine the increase in activity and learning outcomes of students on the subjects of Building Construction through the implementation of the learning model of *Index Card Match*. This study at SMK Negeri Binaan Provinsi Sumatera Utara odd semester of the 2017/2018 School Year. On the students of class X Building Skills Engineering Program at which amounted to 22 people. The research method used is classroom action research. The study was conducted in two cycles, each cycle consisting of one meeting. Each cycle consists of planning, acting, observation, and reflecting. Technique of collecting data with observation and test result learn. From the result of the research in the first cycle, there were 9 students active, 9 active students, 4 active students, and 4 students in active cycle. On the second cycle, the students' activity was increased by 9 active students, 9 students , and for very active category as many as 4 students. Student learning outcomes in cycle I with incompetent category as much as 6 students with percentage 27,27%; quite competent as many as 2 students with percentage 9.09%; competent as many as 8 students with percentage 36,36%; and very competent as many as 6 students with a percentage of 27.27% with average student learning outcome of 81.42 and not yet competent in classical with the overall percentage of 72.72%. While on the second cycle has increased the category of less competent as much as 2 people with a percentage of 9.09%, competent enough as many as 2 people with a percentage of 9.09%, competent as many as 8 people with a percentage of 36.36%, and very competent category as many as 10 people with percentage 45,45% with average result of student learning equal to 86,80 and competent classically with percentage 90,90%. The result of the research shows the submission of hypothesis which states that the application of *Index Card Match* learning model can increase the activity and the result of student learning on the subject of acceptable building construction.

Keywords: Activity, Learning Results, Index Card Match