ABSTRAK

Asnilawati. NIM 5113111005. Penerapan Model Pembelajaran *Think Talk Write (TTW)* Untuk Meningkatkan Minat Dan Hasil Belajar Konstruksi Bangunan Siswa Kelas X SMK Negeri Binaan Provinsi Sumatera Utara. *Skripsi*. Fakultas Teknik – Universitas Negeri Medan. 2016.

Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) bertujuan untuk menerapkan model pembelajaran yang dapat meningkatkan minat dan hasil belajar mata pelajaran Konstruksi Bangunan pada kompetensi dasar menerapkan spesifikasi dan karakteristik baja dan aluminium untuk konstruksi bangunan di Kelas X SMK Negeri Binaan Provinsi Sumatera Utara T.P. 2015/2016 yang berjumlah 22 siswa. Prosedur tindakan dikemas ke dalam dua siklus yang masing-masing siklus terdiri dari dua kali pertemuan. Setiap siklus terdiri dari tahapan perencanaan (*planning*), tindakan (*acting*), pengamatan (*observing*) dan refleksi (*reflecting*). Pada siklus I mempelajari tentang Jenis dan klasifikasi baja serta proses pembuatan baja. Pada siklus II mempelajari tentang Jenis dan klasifikasi aluminium serta proses pembuatan aluminium.

Data penelitian diambil dari tes hasil belajar siswa dan lembar observasi. Hasil uji coba instrumen penelitian dari 30 soal pada siklus I terdapat 20 soal valid, uji tingkat kesukaran terdapat 5 soal mudah, 25 soal sedang dan tidak terdapat soal sukar, uji daya pembeda tes didapat 1 soal sangat baik, 10 soal cukup dan 19 soal baik, uji reliabilitas tes didapat 0,91 (sangat tinggi). Pada siklus II dari 30 soal diperoleh 22 soal valid, uji tingkat kesukaran terdapat 3 soal mudah, 27 soal sedang dan tidak terdapat soal sukar, uji daya pembeda tes didapat 3 soal sangat baik, 7 soal cukup dan 20 soal baik, uji reliabilitas tes didapat 0,88 (sangat tinggi).

Hasil penelitian menunjukkan minat belajar siswa pada siklus I dengan hasil nilai siswa yang memperoleh katagori tinggi 36,36% meningkat pada siklus II menjadi 63,63%, dan hasil belajar siswa, pada siklus I dengan hasil presentase siswa tuntas belajar yaitu 68,18 % meningkat pada siklus II menjadi 90,91 %. Berdasarkan hasil penelitian dapat disimpulkan bahwa dengan penerapan Model pembelajaran Think Talk Write (TTW) dapat meningkatkan minat dan hasil belajar siswa pada Mata Pelajaran Konstruksi Bangunan siswa Kelas X SMKN Binaan Provinsi Sumatera Utara T.P. 2015/2016. Selain itu dapat menimbulkan suasana belajar yang menyenangkan karena siswa lebih semangat dan tertarik dalam mengikuti proses pembelajaran.

Kata Kunci: *Model Pembelajaran TTW, Minat dan Hasil Belajar Siswa*

ABSTRACT

Asnilawati. NIM 5113111005. Application of Learning Model Think Talk Write (TTW) To Increase Interests and Results Learning Building Class X SMK Patronage of North Sumatra Province. Essay. Faculty of Engineering - University of Medan.2016.

This research is a classroom action research (PTK) aims to implement a learning model that can increase the interest and the results of study subjects Building on core competencies apply specifications and characteristics of the steel and aluminum for the construction of buildings in class X SMK Negeri Patronage of North Sumatra Province T.P. 2015/2016, amounting to 22 students. Procedures action packed into two cycles, each cycle consisting of two meetings. Each cycle consists of the planning stages (planning), action (acting), observation (observing) and reflection (reflecting). In the first cycle to learn about the type and classification of steel and steel-making process. In the second cycle to learn about the type and classification of aluminum and aluminum manufacturing process.

Research data were taken from the test results of the students' learning and observation sheet. The trial results of research instruments of the 30 questions in the first cycle there are 20 questions are valid, the test difficulty level there are 5 questions easily, 25 problems were and there are no problems difficult, test distinguishing tests obtained one matter very well, 10 a matter of considerable and 19 about the good , test the reliability of the test gained 0.91 (very high). In the second cycle of 30 questions derived 22 questions are valid, the test difficulty level there are 3 problems easier, 27 questions were and there are no problems difficult, test distinguishing tests obtained 3 problems Excellent, 7 a matter of considerable and 20 about the well, test the reliability of the test obtained 0.88 (very high).

The results showed the interest of students in the first cycle with the results of students who received higher categories increased 36.36% in the second cycle be 63.63%, and student learning outcomes, in the first cycle with the results of the percentage of students pass the study, namely 68.18% increased in the second cycle into 90.91%. Based on the results of this study concluded that with the implementation of learning model Think Talk Write (TTW) can increase interest and student learning outcomes in Subjects Construction of Class X students SMKN Patronage North Sumatra Province T.P. 2015/2016. Moreover, it can cause learning fun for students more interested in following the spirit and the learning process.

Keywords: Learning Model TTW, Interests and Student Results