ABSTRAK

Johannes Situmorang. NIM 5133311003. Penerapan Model Pembelajaran Kooperatif Tipe *Jigsaw* Untuk Meningkatkan Aktivitas Dan Hasil Belajar Mekanika Teknik Pada Siswa Program Keahlian Teknik Gambar Bangunan SMK N. 1 Lubuk Pakam T.A 2017/2018.

Penelitian ini bertujuan untuk mengetahui peningkatan aktivitas dan hasil belajar mekanika teknik pada siswa program keahlian teknik gambar bangunan SMK N. 1 Lubuk Pakam T.A 2017/2018. Penelitian tindakan kelas ini dilaksanakan dua siklus yang mana masing-masing siklus terdiri atas 1) Perencanaan, 2) Pelaksanaan, 3) Pengamatan, dan 4) Refleksi. Yang menjadi subjek pada penelitian ini adalah siswa kelas X program keahlian teknik gambar bangunan SMK N 1 Lubuk Pakam, sebanyak satu kelas yang terdiri dari 34 siswa,

Instrument yang digunakan dalam penelitian ini adalah tes hasil belajar dan lembar pengamatan. Sebelum tes hasil belajar diberikan terlebih dahulu tes hasil belajar diuji coba, validitas tes, reliabilitas tes, tingkat kesukaran tes, dan daya pembeda tes.

Hasil penelitian menunjukkan bahwa aktivitas belajar siswa meningkat 35,44% dari rerata 8,24 (siklus I) menjadi rerata 11,16 (siklus II). Dan hasil belajar siswa meningkat 12,68% dari rerata 72,27 (Siklus I) menjadi rerata 81,43 (Siklus II).

Berdasarkan hasil penelitian yang telah dilakukan dapat disimpulkan bahwa pembelajan kooperatif tipe jigsaw dapat meningkatkan aktivitas dan hasil belajar mekanika teknik. Peneliti menyarankan beberapa hal, yaitu 1) diharapkan guru lebih memahami model pembelajaran kooperatif tipe jigsaw, 2) peneliti selanjutnya sedapat mungkin mengelola alokasi waktu dan fasilitas pendukung.

Kata Kunci : Aktivitas belajar, hasil belajar, kooperatif tipe *jigsaw*

ABSTRACT

Johannes Situmorang. NIM 5133311003. Implementation of Cooperative Learning Model Jigsaw Type To Increase Activity And Learning Outcomes Of Engineering Mechanics In Students Of Building Drawing Engineering Program SMK N. 1 Lubuk Pakam Years of Teaching 2017/2018.

This study aims to determine the increase in activity and learning outcomes of engineering mechanics on students building drawing engineering program SMK N. 1 Lubuk Pakam . This classroom action research is conducted two cycles in which each cycle consists of 1) Planning, 2) Implementation, 3) Observation, and 4) Reflection. The subject of this research is the students of class X of building drawing engineering program of SMK N 1 Lubuk Pakam, as many as one class consisting of 34 students,

Instrument used in this research is the test of learning result and observation sheet. Prior to the test the learning result is given first test of test result is tested, test validity, test reliability, test difficulty level, and test differentiator.

The results showed that student learning activity increased 35.44% from the average of 8.24 (Cycle I) to the average of 11.16 (Cycle II). And student learning result increase 12,68% from average 72,27 (Cycle I) become average 81,43 (Cycle II).

Based on the results of research that has been done can be concluded that cooperative learning jigsaw type can increase activity and learning result of mechanical technique. The researcher suggests several things, namely 1) the teacher is expected to better understand the jigsaw type cooperative learning model, 2) the next researcher as much as possible to manage the allocation of time and supporting facilities.

Keywords: Learning activities, learning outcomes, cooperative type jigsaw