

ABSTRAK

IVANA VIDELIA HUTAGALUNG. NIM. 5143111008. Pengaruh Model Pembelajaran *Student Team Achievement Division* Terhadap Hasil Belajar Dasar-Dasar Konstruksi Bangunan dan Pengukuran Tanah Siswa Kelas X Desain Pemodelan dan Informasi Bangunan SMK Negeri 5 Medan. Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2019.

Penelitian ini bertujuan untuk melihat perbedaan hasil belajar Dasar-Dasar Konstruksi Bangunan dan Pengukuran Tanah antara siswa yang diberikan perlakuan model pembelajaran *Student Team Achievement Division* dan siswa yang diberi perlakuan dengan metode pembelajaran Konvensional. Penelitian ini dilakukan di SMK Negeri 5 Medan Kelas X Kompetensi Keahlian Desain Pemodelan dan Informasi Bangunan. Subjek penelitian dalam penelitian ini adalah kelas X DPIB 1 dan X DPIB 2 terdiri dari 24 siswa dan 27 siswa. Metode pada penelitian ini adalah *Quasi Eksperiment*. Hasil belajar di dua kelas perlakuan menunjukkan bahwa terdapat peningkatan sebelum diberikan dengan sesudah diberikan perlakuan model pembelajaran *Student Team Achievement Division* dan metode pembelajaran Konvensional, yaitu pada *pre-test* untuk perlakuan model pembelajaran *Student Team Achievement Division* memperoleh 50,00 dan *post-test* 85,10 serta pada *pre-test* untuk perlakuan metode pembelajaran Konvensional memperoleh 45,01 dan *post-test* 77,49. Hasil perhitungan uji hipotesis dengan uji t, diperoleh harga $t_{hitung} > t_{tabel}$ yaitu $4,233 > 1,676$ pada taraf signifikan $\alpha = 0,05$ dan $dk = 50$. Kesimpulan pada penelitian ini adalah hasil belajar siswa yang diajarkan dengan Model Pembelajaran *Student Team Achievement Division* pada mata pelajaran Dasar-Dasar Konstruksi Bangunan dan Pengukuran Tanah memberi pengaruh yang berbeda jika dibandingkan dengan hasil belajar siswa yang diajarkan dengan Metode Pembelajaran Konvensional, maka kesimpulan dari hasil uji hipotesis H_a diterima. Guru perlu mempertimbangkan untuk menggunakan model pembelajaran dalam mata pelajaran Konstruksi Bangunan. Hasil penelitian ini hendaknya bermanfaat bagi guru, siswa, dan pihak sekolah dalam meningkatkan Hasil Belajar Dasar-Dasar Konstruksi Bangunan dan Pengukuran Tanah.

Kata Kunci : Hasil Belajar, *Student Team Achievement Division*.



ABSTRACT

IVANA VIDELIA HUTAGALUNG. NIM. 5143111008. The Effect of Student Team Achievement Division Model on Learning Outcomes in the Basics of Building Construction and Soil Measurement Technicalin Class X Expertise Program in Building Modeling and Information DesignSMK Negeri 5 Medan. Essay. Faculty of Engineering - State University of Medan. 2019.

This research aims to look at differences in learning outcomes of Building Construction between students who were treated with Student Team Achievement Division learning models and students who were given treatment with Conventional learning method. The research was conducted at the SMK Negeri 5 Medan class X students of modeling design skills and even of 51 students. The sample in this research is class X DPIB1 and X DPIB2 consisting of 24 students and 27 students. This research method is Quasi Experiment. This research design is in two classes that were treated using Student Team Achievement Division learning models and Conventional learning method. Before the treatment is given to two classes given a pretest and at the end of the learning posttest is given. Learning outcomes in the two treatment classes showed that there was an improvement before being given with after being given the Student Team Achievement Division learning model and Conventional learning method, namely in the pre-test for the treatment of Student Team Achievement Division learning models obtained 50,00 and post -test 85.10 and in the pre-test for treatment Conventional learning method obtained 45,01 and post-test 77,49. The results of t test hypothesis test calculation, obtained the price of $t_{count} > t_{table}$ is $4,233 > 1.676$ at significant levels $\alpha = 0.05$ and $dk = 50$. This is also supported by the results of the average posttest value obtained in two classes, namely the results learning using Student Team Achievement Division learning models is higher than conventional learning method. The conclusion of this research is the learning outcomes of students who are taught with Student Team Achievement Division learning models in the subject of building construction and land measurement techniques gives a better influence compared to student learning outcomes taught with Conventional Learning Method, then the conclusion of the results of the hypothesis test H_a is accepted . Teachers need to consider using the learning model in building construction and land measurement techniques subjects. The results of this research should be beneficial for teachers, students, and the school in improving the Learning Outcomes of building construction and land measurement techniques.

Keywords: Learning Outcomes, Student Team Achievement Division.