

ABSTRAK

Sistana Br Ginting. NIM 5162111020. Penerapan Model Pembelajaran Kooperatif Tipe *Numbered Heads Together* (NHT) Terhadap Hasil Belajar Dasar-Dasar Konstruksi Bangunan Dan Teknik Pengukuran Tanah Pada Siswa Kelas X SMK Negeri 1 Merdeka Berastagi.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran Kooperatif tipe *Numbered Heads Together* dapat meningkatkan hasil belajar Dasar-Dasar Konstruksi Bangunan Dan Teknik Pengukuran Tanah kelas X Program Bisnis Konstruksi dan Properti SMK Negeri 1 Merdeka Berastagi Tahun Ajaran 2019/2020. Jenis penelitian ini adalah penelitian tindakan kelas terdiri dari dua siklus dimana siklus I dan siklus II masing masing dalam dua pertemuan. Instrumen pengumpulan data adalah instrumen tes soal pilihan berganda dengan butir soal sebanyak 25 setelah di uji validitas, reabilitas, daya pembeda dan indeks kesukaran.

Dari data yang diperoleh hasil belajar, pada siklus I rata-rata hasil belajar siswa 79,8. Pada siklus I belum seluruhnya siswa mencapai nilai KKM >75 . Pada siklus II hasil belajar siswa meningkat dengan rata-rata 85,4. Dengan perolehan hasil belajar siklus I dan siklus II normal dan homogen, maka dilakukan uji-t. Dimana harga $t_{hitung} > t_{tabel}$ yaitu $2,8533 > 1,690$ pada taraf signifikan $\alpha = 0,05$ dan $dk = 38$. Maka H_a diterima dan H_0 tolak yang berarti bahwa ada peningkatan penerapan model pembelajaran Kooperatif Tipe *Numbered Heads Together* (NHT) terhadap hasil belajar Dasar-Dasar Konstruksi Bangunan dan Teknik Pengukuran Tanah Siswa Kelas X SMK Negeri 1 Merdeka Berastagi.

Kata Kunci : Hasil Belajar, Model Pembelajaran Kooperatif tipe *Numbered Heads Together*, Dasar-Dasar Konstruksi Bangunan dan Teknik Pengukuran Tanah, Penelitian Tindakan Kelas.



ABSTRACT

Sistana Br Ginting. NIM 5162111020. Application of Cooperative Learning Model Type Numbered Heads Together (NHT) Against Learning Outcomes of the Basics of Building Construction and Soil Measurement Techniques in Class X Students of SMK Negeri 1 Merdeka Berastagi.

This study aimed to know the effect of Cooperative learning model type Numbered Heads Together can improve learning outcomes in the Basics of Building Construction and Soil Measurement Techniques in Class X of the Construction and Property Business Program at State Vocational High School 1 Merdeka Berastagi in the Academic Year 2019/2020. This type of study is Classroom Action Study of two cycles when cycle I and cycle II each in two meeting. The instruments of collecting the data are multiple choice test instrument with 25 items after being tested for validity, reliability, distinguishing features and difficulty index.

From the data obtained by learning outcomes, in the first cycle the average student learning outcomes were 79.8. In cycle I, not all students have achieved KKM scores > 75 . In cycle II student learning outcomes increased by an average of 85.4. with the acquisition of learning outcomes of cycle I and cycle II is normal and homogen, t-test was performed. Then the t-test, the price of $t_{count} > t_{table}$ is obtained $2.8533 > 1.690$ at a significant level $\alpha = 0.05$ and $dk = 38$. Then H_a and reject H_0 are accepted, which means that there is an increase in the application of the Cooperative learning model Type Numbered Heads Together (NHT) on the learning outcomes of the Basics of Building Construction and Soil Measurement Techniques Grade X Students of State Vocational High School 1 Merdeka Berastagi.

Keywords: Learning Outcomes, Type Numbered Heads Together Cooperative Learning Model, the Basics of Building Construction and Soil Measurement Techniques, Classroom Action Study