

ABSTRAK

Dina Evo Pasaribu, NIM: 5123311007. “Pengaruh Model Pembelajaran Kooperatif Tipe *Group Investigation* (GI) Terhadap Hasil Belajar Siswa Kelas X Mata Pelajaran Gambar Teknik Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Lubuk Pakam”. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2016.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe *Group Investigation* (GI) Terhadap Hasil Belajar Siswa Kelas X Mata Pelajaran Gambar Teknik Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Lubuk Pakam. Penelitian dilakukan kepada kelas X Teknik Gambar Bangunan (TGB) SMK N.1 Lubuk Pakam. Jumlah sampel adalah 70 siswa. Dimana kelas kontrol berjumlah 36 siswa dan kelas eksperimen sebanyak 36 siswa. Adapun kelas eksperimen yaitu yang diberikan perlakuan model pembelajaran *group investigation*, dan kelas kontrol dengan perlakuan model konvensional. Untuk kelas eksperimen rata-rata hasil pretest adalah 42,805 dan rata-rata hasil posttest adalah 81,833. Rata-rata hasil posttest untuk kelas eksperimen telah memenuhi Kriteria Ketuntasan Minimum (KKM) ≥ 70 . Sedangkan untuk kelas kontrol rata-rata hasil pretest adalah 40,61 dan rata-rata hasil posttest adalah 66,083. Rata-rata hasil posttest untuk kelas kontrol belum memenuhi Kriteria Ketuntasan Minimum (KKM) ≥ 70 . Hasil uji hipotesis menyimpulkan bahwa $t_{hitung} = 5,675$ dan $t_{tabel} = 1,994$ maka $t_{hitung} > t_{tabel}$ ($5,675 > 1,994$) hasil ini menunjukkan H_a diterima dan H_o ditolak. Dimana H_a adalah Hasil belajar menggambar teknik yang diajarkan dengan menggunakan model *group investigation* lebih tinggi dari pada hasil belajar gambar teknik yang diajarkan dengan metode konvensional siswa kelas X TGB. Hasil belajar gambar teknik yang diberi perlakuan dengan model *group investigation* lebih tinggi dari model konvensional, dikarenakan dengan model *group investigation* siswa dengan mudah menguasai isi pembelajaran yang diajarkan oleh guru melalui kelompok kelompok yang dibuat, yang membuat siswa untuk saling bertukar pikiran dan terlibat langsung dalam proses belajar sehingga siswa akan semakin aktif dalam proses belajar. Dengan ini dapat disimpulkan bahwa model pembelajaran kooperatif tipe *group investigation* memberikan pengaruh yang positif dan signifikan terhadap hasil belajar siswa kelas X gambar teknik SMK N.1 Lubuk Pakam.

Kata kunci : Hasil belajar gambar teknik, Model Pembelajaran Group Investigation (GI), Model Konvensional.

ABSTRACT

Dina Evo Pasaribu , NIM : 5123311007. "The Effect of Cooperative Learning Model Group Investigation (GI) Against Class X Student Results Subjects Drafting Skills Program Architecture Engineering SMK Negeri 1 Lubukpakam " . Essay. Faculty of Engineering, University of Medan . 2016.

This study aims to determine the effect of cooperative learning model of Group Investigation (GI) Against Class X Student Results Subjects Drafting Skills Program Architecture Engineering SMK Negeri 1 Lubukpakam . The study was conducted to class X Architecture Engineering (TGB) SMK N.1 Lubukpakam . The number of samples is 70 students . Where the control class numbered 36 students and as many as 36 students a class experiment . The classes are given experimental treatment group learning model investigation , treatment and control class with conventional models. For the experimental class average yield was 42.805 pretest and posttest average yield was 81.833 . On average posttest results for the experimental class has met the Minimum Criteria for completeness (KKM) ≥ 70 . As for the control class average yield was 40.61 pretest and posttest average yield was 66.083 . The average results for the posttest control group not meet minimum completeness criteria (KKM) ≥ 70 . Hypothesis test results conclude that $t = 5.675$ and then $t_{hitung} > t_{table} = 1,994 > t_{table} (5.675 > 1.994)$ These results indicate H_a H_o accepted and rejected. Where H_a is the results of learning drawing techniques taught using a model group investigation is higher than the result of learning drawing techniques taught by conventional methods class X TGB. Results studying engineering drawings treated with the model group investigation is higher than conventional models, due to the model group investigation students easily master the learning content that is taught by teachers with groups that were made, which makes students to exchange ideas and engage directly in the process learning so that students will be more active in the learning process. By this it can be concluded that cooperative learning model type group investigation provide a positive and significant influence on the results of class X student engineering drawings SMK N.1 Lubukpakam.

Keywords : learning outcomes engineering drawings, Model Learning Group Investigation (GI) , Conventional Model .