

ABSTRAK

Daniel Doloksaribu. NIM 5133111012. Penerapan Model Pembelajaran Kooperatif Tipe Group Investigation (GI) Untuk Meningkatkan Aktivitas Dan Hasil Belajar Konstruksi Bangunan Pada Siswa Kelas X Program Keahlian Konstruksi Kayu SKM Negeri 1 Lubuk Pakam. Skripsi. Fakultas Teknik - Universitas Negeri Medan. 2018

Pendidikan nasional merupakan pendidikan yang berdasarkan UUD yang berakar pada nilai agama, kebudayaan nasional Indonesia dan tanggapan terhadap perubahan zaman. Namun berdasarkan observasi yang dilakukan rendahnya perolehan nilai harian siswa kelas X SMK Negeri 1 Lubuk Pakam semester ganjil program keahlian konstruksi kayu tahun ajaran 2016/2017, menjadi faktor timbulnya penerapan model pembelajaran kooperatif tipe group investigation (GI), yang bertujuan untuk mengetahui peningkatan aktivitas dan hasil belajar siswa pada mata pelajaran konstruksi bangunan melalui penerapan model pembelajaran *Kooperatif Tipe Group Investigation (GI)* pada siswa kelas X SMK Negeri 1 Lubuk Pakam semester ganjil Tahun Ajaran 2018/2019 yang berjumlah 30 orang. Rancangan penelitian yang digunakan adalah penelitian tindakan kelas (PTK). Prosedur tindakan dikemas ke dalam dua siklus pembelajaran. Dimana siklus pertama mempelajari pengertian pondasi dangkal dan jenis-jenis pondasi dangkal. Dan pada siklus kedua mempelajari pengertian pondasi dalam dan jenis-jenis pondasi dalam. Hasil uji coba instrument yang dilakukan pada siklus pertama dari 23 soal diperoleh 19 soal yang valid dan pada siklus kedua dari 23 soal diperoleh 18 soal valid. Uji reabilitas diperoleh 0,838 (sangat tinggi). Dari hasil penelitian didapat nilai rata-rata observasi aktivitas kegiatan belajar mengajar dengan nilai 76 pada siklus I meningkat menjadi 86 pada siklus II dan rata-rata hasil belajar siswa 76 pada siklus I meningkat sebesar 9% menjadi 85 pada siklus II. Dapat disimpulkan bahwa penerapan model pembelajaran *Kooperatif Tipe Group Investigation (GI)* dapat meningkatkan aktivitas dan hasil belajar siswa pada mata pelajaran konstruksi bangunan khususnya siswa kelas X SMK Negeri 1 Lubuk Pakam program keahlian konstruksi kayu pada tahun ajaran 2018/2019.

Kata kunci: Aktivitas, Hasil Belajar, *Kooperatif Tipe Group Investigation*



ABSTRACT

Daniel Doloksaribu. NIM 5133111012. Application of Cooperative Learning Model Type of Group Investigation (GI) to Increase Activities and Learning Outcomes of Building Construction in Class X Students of SKM Negeri 1 Lubuk Pakam Wood Construction Expertise Program. Essay. Faculty of Engineering - Medan State University. 2018

Nasional education is education based on the Constitution which is rooted in religious values, Indonesian national culture and responses to changing times. However, based on observations made in the low acquisition of daily grades of class X SMK Negeri 1 Lubuk Pakam in the odd semester the wood construction expertise program for the academic year 2026/2017, becomes a factor in the emergence of the cooperative learning type investigation group, which aims to determine increased activity and Student learning outcomes in building construction subjects through the application of the Cooperative Group Investigation (GI) learning model to class X students of SMK Negeri 1 Lubuk Pakam odd semester 2018/2019 Academic Year totaling 30 people. The research design used was classroom action research (CAR). The action procedure is packed into two learning cycles. Where the first cycle studies the meaning of shallow foundations and the types of shallow foundations. And in the second cycle study the meaning of deep foundations and the types of deep foundations. The results of the instrument test conducted in the first cycle of 23 questions obtained 19 valid questions and in the second cycle of 23 questions 18 valid questions were obtained. Reliability test was obtained 0.838 (very high). From the results of the study obtained the average value of observation of teaching and learning activities with a value of 76 in the first cycle increased to 86 in the second cycle and the average student learning outcomes 76 in the first cycle increased by 9% to 85 in the second cycle. It can be concluded that the application of the Cooperative Learning Type Group Investigation (GI) learning model can increase student activity and learning outcomes in building construction subjects especially class X SMK Negeri 1 Lubuk Pakam wood construction expertise program in the 2018/2019 school year.

Keywords: Activities, Learning Outcomes, Cooperative Type Group Investigation

