

## ABSTRAK

**Anju M Nababan, NIM : 509111006. "Penerapan Model Pembelajaran Kooperatif Tipe Think Pair And Share Untuk Meningkatkan Keaktifan Dan Hasil Belajar Menghitung Konstruksi Sederhana Pada Siswa Kilas XI Teknik Konstruksi Batu Beton SMK N 1 Balige Tahun Ajaran 2013\2014"**

Penelitian ini bertujuan untuk meningkatkan keaktifan dan hasil belajar menghitung konstruksi sederhana pada siswa kelas XI teknik konstruksi batu beton SMK N 1 Balige melalui model pembelajaran kooperatif tipe think pair and share. Penelitian ini merupakan penelitian tindakan kelas yang dilakukan pada semester genap tahun pelajaran 2013/2014 dengan jumlah siswa 20 orang. Dari hasil uji coba instrumen yang dilakukan pada siklus I diperoleh 10 soal yang valid dari 20 soal, indeks kesukaran soal diperoleh dengan kategori soal sukar 3, kategori sedang 9 dan dalam katagori mudah 8 soal. Daya beda soal diperoleh 5 soal baik, 4 soal cukup dan 11 soal jelek. Uji reliabilitas 0,60 (tinggi) dan pada siklus II diperoleh 9 soal yang valid dari 20 soal, indeks kesukaran dengan katagori soal sukar 3, kategori sedang 10 dan dalam kategori mudah 7 soal. Daya beda soal diperoleh 3 soal baik, 9 soal cukup, 8 soal jelek. uji reliabilitas 0,60 (tinggi).

Penelitian ini dilakukan dalam dua siklus pada siklus I terdiri dari dua kali pertemuan dan siklus II terdiri dari dua kali pertemuan. Setiap siklus terdiri dari tahap perencanaan (*planning*), tindakan (*acting*), pengamatan (*observing*), dan refleksi (*reflecting*). Teknik pengumpulan data dengan observasi dan tes hasil belajar. Hasil penelitian menunjukkan bahwa observasi keaktifan siswa dalam penelitian ini, ditemukan siklus I nilai rata-rata keaktifan belajar siswa yaitu 62% meningkat sebesar 22% menjadi 84% pada siklus II. Untuk rata-rata nilai hasil belajar pada siklus I yaitu 54 dan meningkat sebesar 32 menjadi 86 pada siklus II.

Hasil penelitian menunjukkan bahwa penerapan model pembelajaran kooperatif tipe *Think Pair and Share* dapat 1) meningkatkan keaktifan belajar siswa dalam proses belajar mengajar, 2) meningkatkan hasil belajar menghitung konstruksi sederhana siswa. Jadi, untuk meningkatkan keaktifan dan hasil belajar menghitung konstruksi sederhana siswa di SMK N 1 Balige, maka guru disarankan untuk menerapkan model pembelajaran kooperatif tipe *think pair and share*.

## ABSTRACT

**Anju M Nababan, NIM: 509 111 006. "Application of Cooperative Learning Model Type And Think Pair Share To Increase Motivation and Learning Outcomes Simple Construction Counting Student Looking At Stone Concrete Construction Engineering XI SMK N 1 Balige Academic Year 2013\2014"**

This study aims to improve the activity and learning outcomes calculate simple construction in class XI stone construction techniques beton SMK N 1 Balige through cooperative learning model think pair and share. This study is an action research conducted in the second semester of academic year 2013/2014 the number of students 20. From the test results performed on the instrument cycle I gained 10 of the 20 valid questions that matter, about the difficulty index is obtained with about difficult category 3, category was 9 and 8 in the category of easy questions. Different power gained about 5 good questions, 4 and 11 questions about pretty ugly. Test reliability was 0.60 (high) and the second cycle was obtained 9 of the 20 questions are valid questions, difficulty index with three categories of difficult questions, categories were 10 and 7 in the category of easy questions. Different power gained about 3 good questions, 9 questions fairly, 8 about ugly. test reliability of 0.60 (high).

This research was conducted in two cycles in the first cycle consisted of two meetings and the second cycle consisted of two meetings. Each cycle consists of a planning phase (planning), action (acting), observation (observing), and reflection (reflecting). The technique of collecting data through observation and achievement test. The results showed that the observation of active students in this study, found the first cycle the average value of the activity of student learning, which is 62% increased by 22% to 84% in the second cycle. For the average value of learning outcomes in the first cycle is 54 and increased by 32 to 86 on the second cycle.

The results showed that the application of cooperative learning model Think Pair and Share can 1) improve the learning activity of students in the learning process, 2) improve learning outcomes of students calculate simple construction. So, to improve the activity and learning outcomes calculate simple construction students at SMK N 1 Balige, then teachers are advised to apply cooperative learning model think pair and share.