

## ABSTRAK

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Penerapan Model Pembelajaran Tutor Sebaya Untuk Meningkatkan  
Aktivitas Dan Hasil Belajar Siswa Kelas XI Pada Mata Pelajaran Rancangan  
Anggaran Biaya Di SMK Negeri 2 Binjai T.A 2017/2018.**

Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) yang bertujuan untuk menerapkan model Pembelajaran Tutor Sebaya yang dapat meningkatkan Aktivitas dan Hasil Belajar menghitung Rencana Anggaran Biaya pada Indikator menghitung RAB Konstruksi Gedung dengan materi ajar menghitung volume pekerjaan persiapan, pekerjaan struktur dan pekerjaan nonstruktur. Penelitian ini dilaksanakan pada semester ganjil di SMK Negeri 2 Binjai. Subjek penelitian ini adalah siswa kelas XI Teknik Konstruksi Batu Beton dengan jumlah siswa 31 orang. Dari hasil uji coba instrumen penelitian yang terdiri dari 30 soal pada siklus I terdapat 26 soal valid, indeks kesukaran soal terdapat 21 kategori soal sedang dan 5 soal mudah, uji daya pembeda tes terdapat 10 soal baik, 14 soal cukup, 2 soal jelek dan uji reliabilitas tes didapat 0,88 (sangat tinggi). Pada siklus II terdiri dari 30 soal dengan perolehan 24 soal valid, indeks kesukaran soal terdapat 23 kategori soal sedang dan 1 soal mudah, uji daya pembeda tes terdapat 9 soal baik, 14 cukup, 1 jelek dan uji reliabilitas tes didapat 0,86 (sangat tinggi). Hasil penelitian menunjukkan perolehan hasil belajar siswa terjadi peningkatan, pada siklus I dengan nilai rata-rata 76,55 dengan persentase kelulusan 77,42% dan meningkat pada siklus II dengan nilai rata-rata 88,04 dengan persentase kelulusan 90,32%. Untuk skor aktivitas siswa pada siklus I rata-rata 67,58 dan pada siklus II meningkat menjadi 84,19. Berdasarkan hasil penelitian tersebut bahwa dengan menerapkan model Pembelajaran Tutor Sebaya dapat meningkatkan aktivitas siswa dalam proses belajar mengajar dan dapat meningkatkan hasil belajar menghitung Rencana Anggaran Biaya siswa kelas XI Teknik Konstruksi Batu Beton SMK Negeri 2 Binjai.

**Kata kunci :** Model Pembelajaran Tutor Sebaya, Aktivitas dan Hasil Belajar.

## ABSTRACT

SAMUEL DARWIN MARCOPOLO TAMBUN, NIM 5133311027. Application of Peer-Tutor Learning Model in Impoveing Activities and Learning Outcomes of The Second Year Students of SMK N 2 Binjai Academic Year 2017/2018 in Budget Draft Subject.

This is a Class Action Study which is done to apply the Peer-Tutor Learning Model in order to improve the activities and students learning outcomes in counting the budget draft focused on the indicators of counting the budget draft of building construction which the learning material is counting the preparation works volume, structural and nonstructural works. This study was done in the odd semester of SMK N 2 Binjai. The study's subject is 31 second year students of Concrete Stone Construction Technique class. Based on the trial of the study instrumen which consists of 30 questions in the first cycle, there found 26 valid questions and from the question difficulty index there are 21 questions in medium category and 5 questions in easy category where as in the test distinguishing capacity, there found 10 good questions, 14 medium questions and 2 bad questions with the reliability test result in 0,88 (very high). In the second cycle which consists of 30 soal, there found 24 valid questions and from the question difficulty index there are 23 questions in medium category and 1 single easy question where from the test distinguishing capacity there found 9 good questions, 14 medium questions and 1 single bad question with the realibility test in 0,86 (very high). So the result of this study shows that there is an upgrading result of students' outcomes. In the first cycle, the average is 76,55 with the qualification percentage in 77,42% and increased in the second cycle in the average of 88,04 and the qualification percentage in 90,32%. In the students activity score, it is 67,58 in the first cycle and increased into 84,19 in the second cycle. Based on the study result, concluded that the application of peer-tutor learning model would be able to improve the students activity in teaching and learning process and would be able to raise up the students outcomes in counting the budget draft proved by the second year students of TKBB class in SMK N 2 Binjai.

Key words : Peer-Tutor Learning Model, Activities and Students Outcomes