ABSTRAK

Fandi Rizki Utomo : *"Penerapan Model Pembelajaran Problem Based Learning Untuk Meningkatkan Hasil Belajar Roda Dan Ban Pada Siswa Kelas X Teknik Kendaraan Ringan SMK Swasta Teladan Medan T.P 2013/2014*". Skripsi. Fakultas Teknik Universitas Negeri Medan, 2014

Penelitian ini bertujuan untuk meningkatkan hasil belajar mata pelajaran roda dan ban pada kompetensi dasar mengidentifikasi konstruksi roda dan ban dengan menggunakan model pembelajaran *Problem Based Learning* di kelas X Teknik Kendaraan Ringan SMK Swasta Teladan Medan T.P 2013/2014.

Penelitian ini adalah penelitian tindakan kelas (PTK), subjek dalam penelitian ini siswa kelas X Teknik Kendaraan Ringan I SMK Swasta Teladan Medan tahun pelajaran 2013/2014 sebanyak 40 orang siswa. Pelaksanaan tindakan dilakukan selama 3 siklus, dimana setiap siklus dilakukan satu kali pertemuan. Dalam setiap siklus dilakukan 4 tahap yaitu perencanaan, pelaksanaan, pengamatan dan refleksi. Instrumen yang digunakan dalam penelitian ini adalah tes dan lembar observasi.

Pada siklus I diperoleh nilai rata-rata siswa 70,75 dengan ketuntasan belajar siswa sebanyak 22 orang (55%) sedangkan hasil observasi aktivitas siswa diperoleh rata-rata 55,83% tergolong rendah. Pada siklus II diperoleh nilai rata-rata siswa 79,5 dengan ketuntasan belajar sebanyak 28 orang (70%) sedangkan hasil observasi aktivitas siswa diperoleh rata-rata 70,8% tergolong dalam kategori sedang. Pada siklus III diperoleh nilai rata-rata siswa 89 dengan ketuntasan belajar sebanyak 36 orang (90%) yang telah tuntas dan 4 orang (10%) masih belum tuntas, sedangkan hasil observasi aktivitas siswa diperoleh rata-rata 82,9% tergolong tinggi.

Disimpulkan bahwa dengan menggunakan model pembelajaran *Problem Based Learning* dapat meningkatkan hasil belajar siswa pada pelajaran roda dan ban pokok bahasan mengidentifikasi roda dan ban dari tindakan pada siklus I rata-rata hasil belajar 70,75 kemudian dilakukan tindakan pada siklus II rata-rata hasil belajar 79,5 sedangkan pada siklus III rata-rata hasil belajar 89.

Kata Kunci : Model Pembelajaran Problem Based Learning, Hasil Belajar, Roda Dan Ban

ABSTRACT

Fandi Rizki Utomo: "Application of Learning Problem Based Learning Model to Improve Learning Outcomes Wheels And Tires In Class X Students Light Vehicle Engineering SMK Teladan Medan Model TP 2013/2014". Thesis. Faculty of Engineering, University of Medan, 2014

This study aims to improve the learning outcomes of subjects wheels and tires on the basic competencies identify construction wheels and tires by using a learning model of Problem Based Learning in class X Light Vehicle Engineering SMK Swasta Teladan Medan T.P 2013/2014.

This research is a classroom action research, the subjects in this study class X Light Vehicle Engineering I SMK Swasta Teladan Medan school year 2013/2014 many as 40 students. Implementation of actions performed for 3 cycles, where each cycle is done one time meeting. In each cycle performed 4 stages: planning, implementation, observation and reflection. The instrument used in this study was a test and observation sheet.

In the first cycle the average values obtained 70.75 students with mastery learning students were 22 people (55%), while the observation of the activities of students gained an average of 55.83% is low. In the second cycle obtained an average value of 79.5 students with mastery learning as many as 28 people (70%), while the observation of the activities of students gained an average of 70.8% were classified in the category. In the third cycle the average values obtained with the 89 students complete learn as many as 36 people (90%) which has been completed and 4 people (10%) is still not finished, while the observation of the activities of students gained an average of 82.9% is high.

It was concluded that by using the Problem Based Learning model of learning can improve student learning outcomes in the lesson wheels and tires subject to identify the wheels and tires of the action in the first cycle an average of 70.75 learning outcomes then be taken in the second cycle an average of 79 learning outcomes , 5 while the third cycle average of 89 learning outcomes.

Keywords: Learning Model of Problem Based Learning, Learning Outcomes, Wheels and Tires