

ABSTRAK

BUTAR BUTAR HENDRO, NIM 508121036: *Upaya Meningkatkan Hasil Belajar Siswa Pada Pemeliharaan/Servis Sistem Bahan Bakar Bensin Dengan Menggunakan Model Type Pembelajaran Berbasis Masalah Pada Kelas XI Program Keahlian Teknik Kendaraan Ringan SMK Negeri 1 Sipispis Kabupaten Serdang Bedagai T.A 2013/2014.* Skripsi. Fakultas Teknik Universitas Negeri Medan. 2014

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa dalam mata pelajaran Pemeliharaan/Servis Sistem Bahan Bakar Bensin melalui model pembelajaran berbasis masalah. Penelitian ini adalah penelitian tindakan kelas. Subjek penelitian ini adalah siswa kelas XI Program Keahlian Teknik Kendaraan Ringan SMK Negeri 1 Sipispis Kabupaten Serdang Bedagai, yang terdiri dari 25 siswa. Penelitian ini dilakukan dengan 2 siklus dan setiap siklus dilakukan dengan tiga pertemuan. Teknik pengumpulan data dilakukan dengan tes hasil belajar dan lembar observasi aktivitas siswa. Berdasarkan nilai hasil belajar, nilai siswa meningkat di setiap tes. Nilai rata-rata pre test siswa di siklus pertama sebesar 47,2, sedangkan post test sebesar 69,6. Pada siklus ke dua nilai rata-rata pre test sebesar 52,2, dan nilai post test sebesar 81,6. Keaktifan belajar siswa juga terjadi peningkatan, Pada siklus pertama keaktifan siswa sebesar 63,96% . Pada siklus kedua terjadi peningkatan presentase keaktifan siswa yaitu sebesar 76,2%. IPKG 1 dilakukan pengamatan hanya satu kali saja, hanya pada siklus I yaitu 81,17 %, karena secara umum rencana pelaksanaan pembelajaran (IPKG 1) yang disusun oleh peneliti tidak jauh berbeda untuk setiap kali pertemuan. Sedangkan aktivitas guru dalam melaksanakan pembelajaran di kelas (IPKG 2) dari siklus I ke siklus II mengalami peningkatan dari 55,45 % sampai 85,45 %. Berdasarkan lembar observasi ditemukan bahwa proses belajar mengajar berjalan dengan baik. Penelitian ini menunjukkan bahwa penelitian model pembelajaran berbasis masalah meningkatkan nilai belajar siswa dalam mata pelajaran Pemeliharaan/Servis Sistem Bahan Bakar Bensin Pada Kelas XI SMK Negeri 1 Sipispis Kabupaten Serdang Bedagai.

Kata kunci : Pembelajaran Berbasis Masalah, Aktivitas Siswa dan Hasil Belajar Siswa.

ABSTRACT

BUTARBUTAR HENDRO, NIM 508121036. *Improving Students' Achievement in Learning Service of Engineering System by Using Problem Based Learning Model in class XI SMK Negeri 1 Sipispis Kabupaten Serdang Bedagai. Faculty of Technique. State University of Medan. 2014*

1 Sipispis Kabupaten Serdang Bedagai. This study attempted to improve students' achievement in Service of Engineering System subject matter. This study was conducted by using classroom action research. The subject of the research was class XI Production Machinery Engineering Program SMK Negeri 1 Sipispis Kabupaten Serdang Bedagai, consists of 25 students. The research was conducted in two cycles and each cycle consists of three meetings. The instruments for collecting data were students' learning outcomes and observation sheet. Based on students' learning outcomes, students' score kept improved in each test. In first cycle, the mean score in the pre test was 47,2, while in the post test, the mean of students' learning outcomes was 66,6. In the second cycle, the mean score of students' learning outcomes in pre test was 52,2, while in the post test, the mean of students' learning outcomes was 81,6. The students' activity outcomes in the class kept improved too. In first cycle, the score of students' activity outcomes was 63,96 % while in the second cycle, the score of students' activity outcomes was 76,2 %. The instruments of teachers' activity 1 was done just once in the first cycle, it was 81,17 % because the researcher arranged the planning for teachers' activity in teaching learning process for the first time commonly is almost the same in every meeting. The The instruments of teachers' activity 2 kept improved from first cycle to second cycle, it was from 55,45 % to 85,45 %. Based on observation sheet, it was found that teaching learning process ran well. Students were active and interested in Service of Engineering System. The result of the research showed that the problem based learning could improve students' learning outcomes in Service of Engineering System in class XI SMK Negeri

Keywords: problem based learning, student activities sheet, students' learning outcomes.