

ABSTRAK

Agus Permana: *Penerapan Model Pembelajaran Problem Based Learning (PBL) Untuk Meningkatkan Hasil Belajar Siswa Pada Mata Pelajaran Pemeliharaan Mesin Sepeda Motor Dikelas XII TBSM di SMK Swasta Imelda Medan*. Skripsi: Fakultas Teknik Universitas Negeri Medan. 2024

Penelitian ini bertujuan untuk mengetahui peningkatan hasil belajar siswa menggunakan Model pembelajaran *Problem Based Learning* pada siswa kelas XII TBSM pada mata pelajaran Pemeliharaan Mesin Sepeda Motor. Penelitian ini merupakan penelitian tindakan kelas (*Classroom Action Riset*). Penelitian dilaksanakan dalam dua siklus, yang setiap siklusnya terdiri dari perencanaan tindakan, pelaksanaan tindakan, pengamatan tindakan dan refleksi tindakan. Subyek penelitian ini adalah siswa kelas XII TBSM di SMK Swasta Imelda Medan yang berjumlah 32 siswa. Teknik pengumpulan data dilakukan melalui tes, observasi, dan dokumentasi. Analisis data yang digunakan dalam Penelitian ini merupakan penelitian deskriptif kualitatif. Hasil penelitian menunjukkan bahwa aktivitas belajar siswa dalam apersepsi mengalami peningkatan dari siklus I (56,25%) dan siklus II (81,25%). Hasil belajar siswa mengalami peningkatan pada siklus I yaitu siswa yang menyelesaikan pretest sebesar 28,13% (9 siswa), siswa yang tuntas posttest sebanyak 56,25% (18 siswa) kemudian meningkat menjadi 84,38% (27 siswa) pada siklus II, dengan indikator ketercapaian hasil belajar melebihi yang ditentukan yaitu 80% dari seluruh siswa dengan mendapatkan skor ≥ 80 . Berdasarkan hasil penelitian bisa disimpulkan bahwa penerapan model pembelajaran *Problem Based Learning* (PBL) pada siswa kelas XII TBSM di SMK Swasta Imelda Medan pada mata pelajaran Pemeliharaan Mesin Sepeda Motor dapat meningkatkan hasil pembelajaran siswa dengan indikator keberhasilan belajar siswa sebesar $\geq 80\%$ siswa secara keseluruhan.

Kata kunci: Hasil Belajar, Model pembelajaran, *Problem Based Learning*

ABSTRACT

Agus Permana: Implementation of Problem Based Learning (PBL) Learning Model to Improve Student Learning Outcomes in Motorcycle Engine Maintenance Subjects in Class XII TBSM at SMK Swasta Imelda Medan. Thesis: Faculty of Engineering, State University of Medan. 2024

This research aims to determine improvements in student learning outcomes using learning models Problem Based Learning learning model for class XII TBSM students in the subject of Motorcycle Engine Maintenance. This research is a classroom action research (Classroom Action Research). The research was carried out in two cycles, each cycle consisting of action planning, action implementation, action observation and action reflection. The subjects of this study were 32 class XII TBSM students at SMK Swasta Imelda Medan. Data collection techniques were carried out through tests, observations, and documentation. The data analysis used in this study was a qualitative descriptive study. The results showed that student learning activities in apperception increased from cycle I (56.25%) and cycle II (81.25%). Student learning outcomes increased in cycle I, namely students who completed the pretest were 28.13% (9 students), students who completed the posttest were 56.25% (18 students) then increased to 84.38% (27 students) in cycle II, with indicators of learning outcome achievement exceeding those specified, namely 80% of all students with a score of ≥ 80 . Based on the results of the study, it can be concluded that the application of the Problem Based Learning (PBL) learning model to class XII TBSM students at SMK Swasta Imelda Medan in the subject of Motorcycle Engine Maintenance can improve student learning outcomes with indicators of student learning success of $\geq 80\%$ of students overall.

Keywords: Learning Outcomes, Learning Model, Problem Based Learning

