

## **PENGARUH MODEL PEMBELAJARAN TERHADAP PRESTASI BELAJAR DAN MOTIVASI BELAJAR SISWA DI SMK N 2 WONOSARI**

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### **ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan model pembelajaran *Snowball Throwing* dan model pembelajaran *Problem Based Learning* (PBL) terhadap prestasi belajar siswa, serta mengetahui pengaruh penggunaan model pembelajaran *Snowball Throwing* dan model pembelajaran *Problem Based Learning* (PBL) terhadap motivasi belajar siswa. Variabel yang dibandingkan adalah nilai prestasi belajar siswa dan tingkat motivasi belajar siswa kelas XI Jurusan Otomotif pada mata pelajaran Pemeliharaan Mesin Kendaraan Ringan semester gasal di SMK N 2 Wonosari.

Penelitian ini menggunakan jenis penelitian *Quasi Eksperimental* dengan menggunakan desain penelitian *Posttest-Only Control Design*. Populasi dalam penelitian ini adalah siswa kelas XI Jurusan Otomotif SMK N 2 Wonosari yang berjumlah 92 siswa. Teknik pengumpulan data yang digunakan dalam penelitian ini menggunakan tes dan pengisian angket. Uji validasi instrumen menggunakan validasi konstruk dan validasi isi yang dilakukan oleh dosen pembimbing skripsi. Uji prasyarat analisis yaitu uji normalitas dan uji homogenitas dilakukan dengan bantuan program SPSS versi 25.

Hasil penelitian menunjukkan bahwa hipotesis penelitian pertama yang berbunyi "Prestasi belajar siswa yang diajarkan menggunakan model pembelajaran *Snowball Throwing* lebih tinggi dibandingkan dengan prestasi belajar siswa yang diajarkan menggunakan model pembelajaran *Problem Based Learning*" diterima, hal ini ditunjukkan pada hasil perhitungan uji hipotesis didapatkan  $t_{hitung}$  lebih besar dari  $t_{tabel}$  ( $t_{hitung} = 3,621 > t_{tabel} = 2,001$ ), dengan demikian model pembelajaran *Snowball Throwing* berpengaruh positif terhadap prestasi belajar siswa. Nilai rata-rata prestasi belajar kelas PBL sebesar 78,34 dan kelas *Snowball Throwing* sebesar 83,61. Untuk hipotesis penelitian kedua yang berbunyi "Motivasi belajar siswa yang diajarkan menggunakan model pembelajaran *Snowball Throwing* lebih tinggi dibandingkan dengan motivasi belajar siswa yang diajarkan menggunakan model pembelajaran *Problem Based Learning*" ditolak, dari perhitungan uji hipotesis menunjukkan bahwa  $t_{hitung}$  lebih kecil dari  $t_{tabel}$  ( $t_{hitung} = 1,467 < t_{tabel} = 2,001$ ). Dengan demikian model pembelajaran *Snowball Throwing* tidak berpengaruh positif terhadap tingkat motivasi belajar siswa. Nilai rata-rata tingkat motivasi belajar kelas PBL sebesar 75,40 dan kelas *Snowball Throwing* sebesar 72,68.

Kata kunci : *Model Pembelajaran Problem Based Learning dan Snowball Throwing, Prestasi Belajar, Motivasi Belajar*

## **THE EFFECT OF LEARNING MODELS ON STUDENT ACHIEVEMENT AND STUDENT LEARNING MOTIVATION IN SMK N 2 WONOSARI**

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### **ABSTRACT**

*The purpose of this research to determine the effect of the use of the Snowball Throwing learning model and the Problem Based Learning (PBL) learning model on student achievement, and determine the effect of using the Snowball Throwing learning model and Problem Based Learning (PBL) learning model on student motivation. The variables being compared were the students' learning achievement scores and the level of students' motivation in class XI of the Automotive Department on the subjects of Odd semester Light Vehicle Engine Maintenance at SMK N 2 Wonosari.*

*This reseach uses a Quasi Experimental type of research design using the Posttest-Only Control Design. The population in this study were students of class XI Automotive Department, SMK N 2 Wonosari, totaling 92 students. Data collection techniques used in this study were using tests and questionnaires. The instrument validation test uses construct validation and content validation conducted by the thesis supervisor. Analyst prerequisite test that is normality test and homogeneity test is done with the help of SPSS version 25.*

*The results showed that the first research hypothesis which reads "Student learning achievement taught using the Snowball Throwing learning model is higher than the learning achievement of students who were taught using the Problem Based Learning learning model", this is shown in the results of the calculation of the hypothesis test obtained by  $t_{count}$  greater from  $t_{table}$  ( $t_{count} = 3.621 > t_{table} = 2.001$ ), thus the Snowball Throwing learning model has a positive effect on student achievement. The average PBL class learning achievement was 78.34 and Snowball Throwing class was 83.61. For the second research hypothesis which reads "Students' learning motivation taught using the Snowball Throwing learning model is higher than the learning motivation of students who are taught using the Problem Based Learning learning model" is rejected, the hypothesis test calculation shows that the  $t_{count}$  is smaller than  $t_{table}$  ( $t_{count} = 1.467 < t_{table} = 2,001$ ). Thus the Snowball Throwing learning model does not have a positive effect on the level of student motivation. The average value of PBL class learning motivation level is 75.40 and Snowball Throwing class is 72.68.*

*Keywords : Problem Based Learning Model and Snowball Throwing, Learning Achievement, Learning Motivation*