

ABSTRAK

Setyawan, Ibnu Abbas. 2019. “*Pengaruh Model Pembelajaran Problem Based Learning Terhadap Hasil Belajar Matematika Siswa Kelas X SMK Mambaul Ihsan Gresik*”, Fakultas Keguruan dan Ilmu Pendidikan, Jurusan Pendidikan Matematika, Universitas PGRI Adi Buana Surabaya, Pembimbing Drs. Susilo Hadi, M.Pd. dan Rani Kurnia Putri, S.Si., M.Si.

Kata Kunci: *Hasil Belajar, Problem Based Learning*

Penelitian dalam skripsi ini dilatarbelakangi oleh suatu fenomena bahwa matematika menjadi pelajaran yang ditakuti oleh siswa karena dianggap sulit yang mengakibatkan prestasi matematikanya rendah. Padahal kesulitan yang dihadapi oleh siswa dikarenakan tidak mampunya siswa menerima dan memahami materi yang di ajarkan. Oleh karena itu guru mampu memposisikan diri dan menerapkan metode pembelajaran yang menarik sesuai dengan materi yang diajarkan salah satunya yaitu metode pembelajaran Problem Based Learning.

Rumusan masalah dalam penelitian ini adalah: Apakah ada pengaruh model pembelajaran problem based learning terhadap hasil belajar matematika siswa kelas X SMK Mambaul Ihsan Gresik. Metode yang digunakan dalam penelitian ini adalah: (1) pendekatan penelitian yang digunakan adalah penelitian kuantitatif, (2) jenis penelitian yang digunakan adalah membandingkan kelas eksperimen dan kelas kontrol, (3) instrumen yang digunakan dalam penelitian ini berupa *pretest dan posttest*(4) teknik analisis data yang digunakan adalah uji normalitas, uji homogenitas dan uji-t.

Setelah peneliti memperoleh data, selanjutnya peneliti menganalisis dengan menggunakan uji-t, dari hasil analisis dapat diketahui bahwa ada pengaruh model pembelajaran problem based learning terhadap hasil belajar matematika siswa kelas X SMK Mambaul Ihsan Gresik dengan nilai ($t_{hitung} = 10,24946 > t_{tabel} = 2,04841$) dan taraf signifikan 5%. Dengan demikian dapat disimpulkan bahwa ada pengaruh model pembelajaran problem based learning terhadap hasil belajar matematika siswa kelas X SMK Mambaul Ihsan Gresik.

ABSTRACT

Setyawan, Ibnu Abbas. 2019. "The Effect of Problem Based Learning Model on Mathematics Learning Outcomes of Grade X Students of SMK Mambaul Ihsan Gresik", Teacher Training and Education Faculty, Department of Mathematics Education, Hadi, M.Pd. and Rani Kurnia Putri, S.Si., M.Si.

Keywords: *Learning Outcomes, Problem Based Learning*

The research was motivated by a phenomenon that mathematics is a lesson feared by students because it was considered difficult which results in low mathematical achievements. Though the difficulties faced by students are due to the inability of students to accept and understand the material being taught. Therefore teachers were able to position themselves and apply interesting learning methods in accordance with the material taught, one of which is the learning method of Problem Based Learning.

The formulation of the problem in this research whether there was any effect of the problem based learning learning model on the results of mathematics learning in class X students of SMK Mambaul Ihsan Gresik. The methods used in this study were: (1) the research approach used was quantitative research, (2) the type of research used was comparing the experimental class and the control class, (3) the instruments used in this study were pretest and posttest (4) Data analysis techniques used were the normality test, homogeneity test and t-test.

After the researcher obtained the data, the researcher then analyzed it using the t-test, from the results of the analysis it can be seen that there was a problem based on learning model influencing on the mathematics learning outcomes of grade X SMK Mambaul Ihsan Gresik with a value ($t = 10,24946 > t \text{ table} = 2,04841$) and a significant level of 5%. Thus it can be concluded that there was the influence of the problem based learning model on the mathematics learning outcomes of grade X SMK Mambaul Ihsan Gresik.