

**PENGARUH MODEL PEMBELAJARAN BERBASIS
MASALAH (*PROBLEM BASED LEARNING*)
TERHADAP HASIL BELAJAR IPA SISWA
KELAS IV SD NEGERI 040531
DOKAN KEC.MEREK
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ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui pengaruh model *Problem Based Learning* (PBL) terhadap hasil belajar siswa di kelas IV pada mata pelajaran IPA dengan materi bagian-bagian tumbuhan dan fungsi di SD Negeri 040531 Dokan Kec.Merek. dengan menggunakan jenis penelitian *Quasi Eksperimen* atau penelitian eksperimen semu. Populasi dalam penelitian ini adalah jumlah seluruh siswa kelas IV, baik dari kelas IV-A dan IV-B. Dengan jumlah siswa IV-A sebanyak 15 siswa yang menjadi kelas eksperimen, dengan menggunakan model *Problem Based Learning* (PBL). Kemudian jumlah siswa kelas IV-B sebanyak 15 siswa yang menjadi kelas kontrol, tanpa menggunakan model *Problem Based Learning* (PBL). Berdasarkan penelitian yang dilaksanakan maka hasil *Pre Test* yang diperoleh pada kelas eksperimen yaitu dengan rata-rata nilai 68,3 dan setelah melakukan perlakuan dengan model *Problem Based Learning* (PBL) maka kelas eksperimen yang diberi soal *post test*. Maka nilai *post test* yang diperoleh kelas eksperimen dengan rata-rata 89,3 maka tingkat ketuntasan hasil belajar siswa kelas IV-A mencapai 89% dari yang tidak tuntas sebanyak 11%. Sedangkan hasil *pre test* yang diperoleh pada kelas kontrol yaitu dengan rata-rata 69,6 dan setelah melakukan perlakuan dengan menggunakan model *Problem Based Learning* (PBL) maka kelas kontrol diberi soal *post test*. Maka nilai *post test* yang diperoleh kelas kontrol dengan rata-rata 80 maka tingkat ketuntasan hasil belajar siswa kelas IV-B mencapai 74% dan yang tidak tuntas sebanyak 26%. Berdasarkan hasil uji t yang telah dilakukan maka memperoleh yaitu $t_{hitung} = 2,22$ dan t_{tabel} yang diperoleh dari hasil interpolasi data t_{tabel} yaitu 1,99. $t_{hitung} > t_{tabel}$ yang artinya adanya pengaruh yang signifikan model *Problem Based Learning* (PBL) dalam pembelajaran IPA kelas IV SD Negeri 040531 Dokan Kec.Merek Tahun Ajaran 2023/2024.

Kata kunci : hasil belajar, model *Problem Based Learning* (PBL), IPA

**THE INFLUENCE OF PROBLEM BASED LEARNING MODELS
ON STUDENTS' SCIENCE LEARNING OUTCOMES
CLASS IV STATE PRIMARY SCHOOL 040531
Dokan Kec.Merek 2023/2024**

ABSTRACT

The aim of this research is to find out how the Problem Based Learning (PBL) model influences student learning outcomes in class IV in science subjects with material on plant parts and functions at SD Negeri 040531 Dokan Kec.Merek. by using Quasi-Experimental research or quasi-experimental research. The population in this study was the total number of class IV students, both from classes IV-A and IV-B. With a total of 15 IV-A students in the experimental class, using the Problem Based Learning (PBL) model. Then the number of students in class IV-B was 15 students who became the control class, without using the Problem Based Learning (PBL) model. Based on the research carried out, the Pre Test results obtained in the experimental class were with an average score of 68.3 and after carrying out treatment with the Problem Based Learning (PBL) model, the experimental class was given post test questions. So the post test score obtained by the experimental class was an average of 89.3, so the level of completeness of class IV-A students' learning outcomes reached 89% from 11% incomplete. Meanwhile, the pre-test results obtained in the control class were an average of 69.6 and after carrying out treatment using the Problem Based Learning (PBL) model, the control class was given post-test questions. So the post test score obtained by the control class was an average of 80, so the level of completeness of class IV-B students' learning outcomes reached 74% and those that were incomplete were 26%. Based on the results of the t test that has been carried out, $t_{count} = 2.22$ and t_{table} obtained from the interpolation of t_{table} data is 1.99. $t_{count} > t_{table}$ which means that there is a significant influence of the Problem Based Learning (PBL) model in science learning for class IV at SD Negeri 040531 Dokan Kec. Merek 2023/2024 Academic Year.

Keywords: learning outcomes, Problem Based Learning (PBL) model, science