

**PENGARUH MODEL *PROJECT BASED LEARNING*  
(*PJBL*) TERHADAP HASIL BELAJAR MATEMATIKA  
SISWA KELAS II SDN 104241 SYAHMAD  
KECAMATAN LUBUK PAKAM  
T.P 2025/2026**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh penerapan model pembelajaran *Project Based Learning* terhadap hasil belajar matematika siswa kelas II SD Negeri 104241 Syahmad pada materi waktu dan durasi tahun pelajaran 2025/2026. Penelitian ini dilatarbelakangi oleh rendahnya hasil belajar matematika siswa serta pembelajaran yang masih berpusat pada guru sehingga siswa kurang aktif dan mengalami kesulitan memahami konsep matematika. Penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian eksperimen semu (*quasi experiment*) yang melibatkan dua kelompok, yaitu kelas eksperimen yang diajar menggunakan model *Project Based Learning* dan kelas kontrol yang diajar menggunakan pembelajaran konvensional. Populasi sekaligus sampel dalam penelitian ini adalah seluruh siswa kelas II SD Negeri 104241 Syahmad yang berjumlah 34 siswa. Teknik pengumpulan data menggunakan tes berupa *pretest* dan *posttest* dalam bentuk soal esai. Data dianalisis menggunakan uji normalitas, uji homogenitas, dan uji hipotesis. Hasil penelitian menunjukkan bahwa rata-rata hasil belajar matematika siswa pada kelas eksperimen lebih tinggi dibandingkan dengan kelas kontrol, serta uji hipotesis membuktikan adanya pengaruh yang signifikan penggunaan model *Project Based Learning* terhadap hasil belajar matematika siswa kelas II SD Negeri 104241 Syahmad. Dengan demikian, dapat disimpulkan bahwa model *Project Based Learning* berpengaruh positif dan signifikan dalam meningkatkan hasil belajar matematika siswa, khususnya pada materi waktu dan durasi.

**Kata kunci:** *Project Based Learning*, hasil belajar, matematika.

**THE INFLUENCE OF PROJECT BASED LEARNING  
(PjBL) MODEL ON MATH OUTCOMES OF GRADE II  
OF ELEMENTARY SCHOOL 1042421  
SYAHMAD LUBUK PAKAM  
2025/2026**

**ABSTRACT**

*This study aims to determine the effect of the Project Based Learning (PjBL) model on the mathematics learning outcomes of second-grade students at SD Negeri 104241 Syahmad on the topic of time and duration in the 2025/2026 academic year. This research was motivated by the low mathematics learning outcomes and the dominance of teacher-centered instruction, which resulted in students being less active and experiencing difficulties in understanding mathematical concepts. This study employed a quantitative approach using a quasi-experimental design involving two groups: an experimental class taught using the Project Based Learning model and a control class taught using conventional learning methods. The population as well as the sample consisted of all second-grade students of SD Negeri 104241 Syahmad totaling 34 students. Data were collected through pretest and posttest in the form of essay questions. Data analysis was conducted using normality tests, homogeneity tests, and hypothesis testing. The results showed that the average posttest score of students in the experimental class was higher than that of the control class, and hypothesis testing indicated a significant effect of the Project Based Learning model on students' mathematics learning outcomes. Therefore, it can be concluded that the Project Based Learning model has a positive and significant effect on improving students' mathematics learning outcomes, particularly on the topic of time and duration.*

**Keywords: Project Based Learning, learning outcomes, mathematics.**