

**PENGARUH MODEL PEMBELAJARAN PROJECT BASED
LEARNING TERHADAP HASIL BELAJAR SISWA PADA
PELAJARAN IPAS MATERI PERUBAHAN ENERGI
KLS V UPT SDN 105326 BANGUN REJO
T.P 2025/206**

ABSTRAK

Penelitian ini bertujuan untuk mengetahui hasil belajar siswa dengan menggunakan model pembelajaran *Project Based Learning*, hasil belajar siswa tanpa menggunakan model pembelajaran *Project Based Learning*, serta pengaruh penggunaan model pembelajaran *Project Based Learning* terhadap hasil belajar siswa pada mata pelajaran IPAS materi perubahan energi di kelas V UPT SDN 105326 Bangun Rejo Tahun Pelajaran 2025/2026. Metode yang digunakan dalam penelitian ini adalah *Quasi Eksperimen* dengan rancangan *pretest* dan *posttest*. Penelitian ini dilaksanakan di UPT SDN 105326 Bangun Rejo Tahun Pelajaran 2025/2026. Populasi penelitian adalah seluruh siswa kelas V yang berjumlah 41 siswa, dengan sampel kelas V-A sebagai kelas kontrol sebanyak 21 siswa dan kelas V-B sebagai kelas eksperimen sebanyak 20 siswa. Berdasarkan hasil analisis data, nilai rata-rata *pretest* kelas kontrol sebesar 47 dan kelas eksperimen sebesar 45. Setelah diberikan perlakuan, nilai rata-rata *posttest* kelas kontrol meningkat menjadi 76,1 sedangkan kelas eksperimen meningkat lebih tinggi menjadi 83,05. Hasil uji normalitas dan homogenitas menunjukkan bahwa data berdistribusi normal dan homogen. Selanjutnya, hasil pengujian hipotesis menunjukkan bahwa terdapat pengaruh yang signifikan penggunaan model pembelajaran *Project Based Learning* terhadap hasil belajar siswa pada mata pelajaran IPAS materi perubahan energi di kelas V UPT SDN 105326 Bangun Rejo Tahun Pelajaran 2025/2026.

Kata kunci: *Project Based Learning*, Hasil Belajar, IPAS,

Perubahan Energi

**THE EFFECT OF THE PROJECT BASED LEARNING MODEL ON
STUDENTS' LEARNING OUTCOMES IN IPAS SUBJECTS
ON THE TOPIC OF ENERGY TRANSFORMATION
FOR GRADE V STUDENTS AT UPT SDN 105325
BANGUN REJO, ACADEMIC YEAR
2025/2026**

ABSTRACT

This study aims to determine students' learning outcomes using the Project Based Learning model, students' learning outcomes without using the Project Based Learning model, and the effect of the Project Based Learning model on students' learning outcomes in IPAS subjects on the topic of energy transformation in Grade V at UPT SDN 105326 Bangun Rejo, Academic Year 2025/2026. The method used in this study was a quasi-experimental method with a pretest-posttest design. This research was conducted at UPT SDN 105326 Bangun Rejo in the Academic Year 2025/2026. The population of this study consisted of all Grade V students totaling 41 students, with Class V-A as the control class consisting of 21 students and Class V-B as the experimental class consisting of 20 students. Based on the results of data analysis, the average pretest score of the control class was 47, while the experimental class was 45. After the implementation of the learning model, the average posttest score of the control class increased to 76.1, whereas the experimental class showed a higher increase to 83.05. The results of the normality and homogeneity tests indicated that the data were normally distributed and homogeneous. Furthermore, the hypothesis testing results showed that there was a significant effect of the Project Based Learning model on students' learning outcomes in IPAS subjects on the topic of energy transformation in Grade V at UPT SDN 105326 Bangun Rejo, Academic Year 2025/2026.

Keywords: ProjectBased Learning, learning outcomes, IPAS, energy transformation

