

**PENGARUH MODEL PEMBELAJARAN BERBASIS PROYEK
DENGAN MEDIA PAPAN PERUBAHAN WUJUD BENDA
TERHADAP HASIL BELAJAR IPAS KELAS
V SD NEGERI 101864 GUNUNG RINTIH
TAHUN PELAJARAN
2025/2026**

ABSTRAK

Penelitian ini bertujuan untuk mengetahui 1) hasil belajar IPAS yang diajarkan menggunakan model pembelajaran berbasis proyek dengan media papan perubahan wujud benda, 2) hasil belajar IPAS yang diajarkan dengan pembelajaran konvensional, 3) Adanya pengaruh Signifikan terhadap hasil belajar siswa. Adapun jenis penelitian ini adalah penelitian kuantitatif. Jenis penelitian yaitu Quasi Eksperimen, teknik pengumpulan data yang diperlukan yaitu menggunakan uji normalitas data (lilifors), uji homogenitas (uji f), dan uji hipotesis (uji t). Penelitian ini dilakukan di SD Negeri 101864 Gunung Rintih T.P 2025/2026, dengan populasi penelitian seluruh siswa kelas V berjumlah 39 siswa, serta sampelnya terdiri dari kelas kontrol V-A berjumlah 19 siswa dan kelas eksperimen V-B 20 berjumlah siswa. Alat pengumpulan data berupa tes soal esay sebanyak 5 soal yang sudah divalidkan.. Hasil penelitian yaitu hasil belajar IPAS siswa materi Perubahan Wujud Benda dengan Menggunakan Media Papan Perubahan Wujud Benda siswa kelas V SD Negeri 101864 Gunung Rintih memperoleh nilai rata-rata pada *pretest* 32 dan pada *posttest* nilai rata-rata 81. Hasil belajar IPAS siswa pada materi perubahan wujud benda tanpa menggunakan media papan perubahan wujud benda siswa kelas V memperoleh nilai rata-rata *pretest* 46,8 dan pada *posttest* memperoleh nilai rata-rata 67,8. Terdapat pengaruh penggunaan media papan perubahan wujud benda terhadap hasil belajar IPAS siswa kelas V SD Negeri 101864 Gunung Rintih T.P 2025/2026. Berdasarkan analisis data menggunakan media papan perubahan wujud benda di kelas V, maka hipotesis yang menggunakan Uji t dengan taraf $\alpha = 0,05$ diperoleh $t_{hitung} = 2,452 > t_{tabel} = 1,687$ maka data dapat disimpulkan (H_0) ditolak atau (H_1) diterima.

Kata Kunci: Hasil Belajar Siswa, Model Pembelajaran Berbasis Proyek, Papan Perubahan Wujud Benda.

**THE EFFECT OF PROJECT-BASED LEARNING MODEL WITH
THE MEDIA OF CHANGES IN THE FORM OF OBJECTS
ON THE OUTCOMES OF SCIENCE LEARNING IN
GRADE V OF STATE ELEMENTARY SCHOOL
101864 GUNUNG RINTIH IN THE
2025/2026 ACADEMIC YEAR**

ABSTRACT

This study aims to determine: (1) the learning outcomes of IPAS taught using a project-based learning model with the phase change board media, (2) the learning outcomes of IPAS taught using conventional learning, and (3) whether there is a significant effect on students' learning outcomes. This research is a quantitative study with a quasi-experimental design. The data collection techniques used include a normality test (Liliefors test), a homogeneity test (F-test), and a hypothesis test (t-test). The research was conducted at SD Negeri 101864 Gunung Rintih in the 2025/2026 academic year. The research population consisted of all fifth-grade students totaling 39 students. The sample comprised a control class (Class V-A) with 19 students and an experimental class (Class V-B) with 20 students. The data collection instrument was an essay test consisting of five questions that had been validated. The results of the study show that the IPAS learning outcomes of fifth-grade students on the topic of changes in the states of matter using the phase change board media obtained an average pretest score of 32 and an average posttest score of 81. Meanwhile, the IPAS learning outcomes of fifth-grade students on the same topic without using the phase change board media obtained an average pretest score of 46.8 and an average posttest score of 67.8. The findings indicate that there is an effect of using the phase change board media on the IPAS learning outcomes of fifth-grade students at SD Negeri 101864 Gunung Rintih in the 2025/2026 academic year. Based on data analysis using the phase change board media in Grade V, the hypothesis testing using the t-test at a significance level of $\alpha = 0.05$ showed that $t_{\text{calculated}} = 2.452 > t_{\text{table}} = 1.687$. Therefore, it can be concluded that the null hypothesis (H_0) is rejected and the alternative hypothesis (H_1) is accepted.

Keywords: Phase Change Board Media, Project-Based Learning Model, Student Learning Outcomes