

**PENGARUH MODEL *PROJECT BASED LEARNING* BERBANTUAN
MEDIA AUDIO VISUAL TERHADAP HASIL BELAJAR IPAS SISWA
KELAS V SD GUGUS MELINGGIH**

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ABSTRAK

Penelitian ini dilatar belakangi oleh rendahnya hasil belajar IPAS siswa kelas V SD Gugus Melinggih. Penelitian ini bertujuan untuk mengetahui pengaruh model *project based learning* berbantuan media audio visual terhadap siswa kelas V SD Gugus Melinggih. Penelitian ini merupakan penelitian eksperimen semu (*quasi experiment*) dengan menggunakan rancangan *control group pre-test post-test design*. Populasi penelitian Adalah seluruh siswa kelas V SD gugus Melinggih tahun Pelajaran 2025/2026. Sampel penelitian terdiri dari kelas V SD 5 Melinggih sebagai kelompok eksperimen dan siswa kelas V SD 4 Melinggih sebagai kelompok kontrol. Metode pengumpulan data yang digunakan yaitu observasi, wawancara, dokumentasi, dan tes. Instrumen penelitian berupa tes pemahaman konsep cahaya dan bunyi berbentuk pilihan ganda yang telah diuji validitas, reliabilitas, tingkat kesukaran, dan daya beda soal. Teknik analisis data yang digunakan yaitu analisis deskriptif kuantitatif, uji normalitas, uji homogenitas, dan uji hipotesis menggunakan uji-t *polled varians*. Hasil penelitian menunjukkan bahwa Terdapat pengaruh yang signifikan penerapan model pembelajaran *Project Based Learning* berbantuan Media Audio Visual terhadap hasil belajar IPAS siswa kelas V SD Gugus Melinggih. Hal ini ditunjukkan dari hasil uji hipotesis menggunakan uji-t *polled varians* yang memperoleh hasil perhitungan ($t_{hitung} = 7,082 > t_{tabel} = 2,021$) pada taraf signifikansi 5%, sehingga dapat dinyatakan H_1 diterima dan H_0 ditolak. Rata-rata hasil post-test kelompok eksperimen sebesar 80% lebih tinggi dibandingkan rata-rata hasil post-test kelompok kontrol sebesar 63%. Pembelajaran menggunakan model *Project Based Learning* berbantuan media audio visual meningkatkan antusiasme belajar siswa serta mengembangkan imajinasi siswa terhadap proses mata dapat melihat karena cahaya dan telinga dapat mendengar karena bunyi. Dengan demikian, model *Project Based Learning* berbantuan media audio visual berpengaruh positif terhadap peningkatan hasil belajar IPAS siswa kelas V SD gugus Melinggih.

Kata Kunci : *Project Based Learning*, media audio visual, hasil belajar IPAS, cahaya dan bunyi, siswa sekolah dasar.

ABSTRACT

This study was motivated by the low IPAS learning outcomes of fifth-grade students in the Melinggih Cluster Elementary Schools. The study aimed to determine the effect of the Project Based Learning model assisted by audio-visual media on students' IPAS learning outcomes. This research employed a quasi-experimental method using a control group pre-test post-test design. The population consisted of all fifth-grade students in the Melinggih Cluster Elementary Schools during the 2025/2026 academic year. The samples were fifth-grade students of SD 5 Melinggih as the experimental group and fifth-grade students of SD 4 Melinggih as the control group. Data were collected through observation, interviews, documentation, and tests. The research instrument was a multiple-choice test on the concepts of light and sound that had been tested for validity, reliability, level of difficulty, and discriminating power. Data analysis techniques included quantitative descriptive analysis, normality test, homogeneity test, and hypothesis testing using the pooled variance t-test. The results showed a significant effect of implementing the Project Based Learning model assisted by audio-visual media on students' IPAS learning outcomes. The hypothesis test indicated that $t_{count} = 7.082$ was greater than $t_{table} = 2.021$ at a 5% significance level, meaning that H_1 was accepted and H_0 was rejected. The average post-test score of the experimental group was 80%, higher than the control group's average score of 63%. The implementation of Project Based Learning assisted by audio-visual media increased students' learning enthusiasm and enhanced their imagination regarding how the eyes can see because of light and how the ears can hear because of sound. Therefore, the Project Based Learning model assisted by audio-visual media positively affected the improvement of students' IPAS learning outcomes.

Keywords : Project Based Learning, audio-visual media, IPAS learning outcomes, light and sound, elementary school students.