ABSTRAK

Ni Wayan Meilyana Ari Savitri (2026), Pengaruh *Project Based Learning* Berbantuan Audio Visual terhadap Keterampilan Kolaborasi dan Hasil Belajar Siswa pada Mata Pelajaran IPA Kelas V SD Gugus I Gusti Ngurah Rai. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.
Tesis ini sudah disetujui dan diperiksa oleh Pembimbing I: Prof. Dr. Nyoman Dantes dan Pembimbing II: Prof. Dr. I Made Ardana, M.Pd

Kata-kata kunci: model *project based learning*, audio visual, hasil belajar IPA, keterampilan kolaborasi.

Penelitian ini dilaksanakan dengan tujuan untuk menganalisis pengaruh penerapan model pembelajaran *Project Based Learning* berbantuan *audio visual* terhadap hasil belajar IPA dan keterampilan kolaborasi siswa kelas V SD Gugus I Gusti Ngurah Rai pada Tahun Pelajaran 2025/2026. Penelitian ini termasuk dalam penelitian eksperimen semu dengan menggunakan rancangan *posttest-only control group design*. Populasi penelitian mencakup seluruh siswa kelas V SD Gugus I Gusti Ngurah Rai yang tersebar pada 10 sekolah dasar dengan jumlah keseluruhan 459 siswa. Penentuan sampel dilakukan dengan teknik *random sampling intact group*, sehingga terpilih dua kelas sebagai sampel penelitian, yaitu satu kelas eksperimen yang berjumlah 32 siswa dan satu kelas kontrol yang berjumlah 33 siswa. Pengumpulan data dilakukan melalui metode non-tes berupa angket untuk mengukur keterampilan kolaborasi siswa, serta metode tes berbentuk soal pilihan ganda untuk mengetahui hasil belajar IPA siswa. Data yang diperoleh selanjutnya dianalisis menggunakan analisis *MANOVA* dengan bantuan program *IBM SPSS Statistics 26.00 for Windows*. Hasil penelitian menunjukkan bahwa: (1) model pembelajaran *Project Based Learning* berbantuan *audio visual* berpengaruh secara simultan terhadap hasil belajar IPA dan keterampilan kolaborasi siswa kelas V SD Gugus I Gusti Ngurah Rai dengan nilai F_{hitung} = 7,460 dan $p < 0,05$; (2) model pembelajaran *Project Based Learning* berbantuan *audio visual* memberikan pengaruh signifikan terhadap hasil belajar IPA siswa dengan nilai F_{hitung} = 7,044 dan $p < 0,05$, dengan rata-rata skor hasil belajar IPA siswa kelompok eksperimen sebesar 19,281 dan kelompok kontrol sebesar 15,970; dan (3) model pembelajaran *Project Based Learning* berbantuan *audio visual* berpengaruh signifikan terhadap keterampilan kolaborasi siswa kelas V SD Gugus I Gusti Ngurah Rai dengan nilai F_{hitung} = 8,062 dan $p < 0,05$, dengan rata-rata skor keterampilan kolaborasi siswa kelompok eksperimen sebesar 77,063 dan kelompok kontrol sebesar 66,00.

ABSTRACT

Ni Wayan Meilyana Ari Savitri (2026)*, The Effect of Project-Based Learning Assisted by Audio Visual on Collaboration Skills and Student Learning Outcomes in Science Subjects for Grade V at SD Gugus I Gusti Ngurah Rai. Thesis, Elementary Education, Graduate Program, Ganesha University of Education. This thesis has been approved and examined by Supervisor I:* Prof. Dr. Nyoman Dantes *and Supervisor II:* Prof. Dr. I Made Ardana, M.Pd.

Keywords: project-based learning model, audio visual, science learning outcomes, collaboration skills.

This study was conducted with the aim of analyzing the effect of applying the Project-Based Learning model assisted by audio visual on science learning outcomes and collaboration skills of Grade V students at SD Gugus I Gusti Ngurah Rai in the 2025/2026 Academic Year. This research is classified as a quasi-experimental study using a posttest-only control group design. The research population includes all Grade V students of SD Gugus I Gust i Ngurah Rai distributed across 10 elementary schools with a total of 459 students. The sample was determined using intact group random sampling technique, resulting in two classes were selected as research samples, namely one experimental class consisting of 32 students and one control class consisting of 33 students. Data collection was carried out through non-test methods in the form of questionnaires to measure students' collaboration skills, and test methods in the form of multiple-choice questions to determine students' science learning outcomes. The obtained data were then analyzed using MANOVA analysis with the help of IBM SPSS Statistics 26.00 for Windows. The results of the study indicate that: (1) The Project Based Learning model assisted by audiovisuals simultaneously affects the science learning outcomes and collaboration skills of fifth-grade students at SD Gugus I Gusti Ngurah Rai with Fcalculated = 7.460 and p < 0.05; (2) The Project Based Learning model assisted by audiovisuals has a significant effect on students' science learning outcomes with Fcalculated = 7.044 and p < 0.05, with an average science learning score of 19.281 for the experimental group and 15.970 for the control group; and (3) The Project Based Learning model assisted by audiovisuals significantly affects the collaboration skills of fifth-grade students at SD Gugus I Gusti Ngurah Rai with Fcalculated = 8.062 and p < 0.05, with an average collaboration skills score of 77.063 for the experimental group and 66.00 for the control group.