

Wirdatul Izzah. 2025. *Penerapan Model Pembelajaran Problem Based Learning Terintegrasi ESD Untuk Meningkatkan Hasil Belajar Siswa SMP*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui perbedaan hasil belajar siswa antara kelas eksperimen dan kelas kontrol, peningkatan hasil belajar siswa setelah penerapan model pembelajaran *Problem Based Learning* terintegrasi ESD, Keterlaksanaan model pembelajaran PBL terintegrasi ESD terhadap hasil belajar siswa, Respons siswa setelah diterapkan model PBL terintegrasi ESD terhadap hasil belajar siswa. Jenis penelitian yang digunakan berupa penelitian eksperimen, *quasi experimental* dengan pendekatan kuantitatif dan dilaksanakan di UPTD SMPN 4 Bangkalan. Populasi dalam penelitian ini yaitu semua siswa kelas VII Tahun Ajaran 2024/2025. Pengambilan sampel menggunakan teknik *nonprobability sampling* jenis *random sampling*. Sampel yang digunakan yaitu kelas VII-F sebagai kelas eksperimen dan kelas VII-E sebagai kelas kontrol. Teknik pengumpulan data menggunakan tes, observasi keterlaksanaan, angket dan dokumentasi. Teknik analisis data menggunakan uji parametrik *independent sampel t-test*. Hasil penelitian menunjukkan bahwa: 1) Ada perbedaan hasil belajar siswa di kelas eksperimen dan kelas kontrol dengan signifikansi *post-test* sebesar 0,002 menunjukkan nilai signifikansi kurang dari 0,05, 2) Peningkatan hasil belajar siswa setelah penerapan model pembelajaran *Problem Based Learning* terintegrasi ESD pada materi ekologi dan keanekaragaman hayati Indonesia berdasarkan *N-Gain Score* memperoleh rata-rata sebesar 0,70 dengan kategori tinggi, 3) Keterlaksanaan pembelajaran sebesar 97,33% dengan kategori sangat baik, 4) Respon siswa rata-rata persentase secara keseluruhan sebesar 64,73% dengan kategori sangat baik.

Kata kunci: ESD, hasil belajar, *problem based learning*.

Wirdatul Izzah. 2025. *Implementation of Integrated Problem Based Learning Model ESD to Improve Junior High School Students' Learning Outcomes*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, University of Trunojoyo, Madura. Advisor: Wiwin Puspita Hadi.

ABSTRACT

The purpose of this study was to determine the difference in student learning outcomes between the experimental class and the control class, the improvement in student learning outcomes after the implementation of the ESD integrated Problem Based Learning learning model, The implementation of the ESD integrated PBL learning model on student learning outcomes, Student responses after the implementation of the ESD integrated PBL model on student learning outcomes. The type of research used was experimental research, quasi-experimental with a quantitative approach and was carried out at the UPTD of SMPN 4 Bangkalan. The population in this study were all grade VII students of the 2024/2025 academic year. Sampling used a nonprobability sampling technique of random sampling. The samples used were class VII-F as the experimental class and class VII-E as the control class. The data analysis technique used a parametric independent sample t-test. The results of the study showed that: 1) There was a difference in student learning outcomes in the experimental class and the control class with a post-test significance of 0.004 indicating a significance value of less than 0.05. 2) The improvement of student learning outcomes after the implementation of the ESD integrated Problem Based Learning model on the material of Indonesian ecology and biodiversity based on the N-Gain Score obtained an average of 0.70 with a high category. 3) The implementation of learning was 97.33% with a very good category. 4) The average percentage of student responses overall was 64.73% with a very good category.

Keywords: *ESD, learning outcomes, based learning.*