

ABSTRAK

SITI PADHILAH LUTPIAH. 2025. **PENGARUH MODEL PEMBELAJARAN *PROJECT BASED LEARNING* BERORIENTASI *ECOPRENEURSHIP* TERHADAP KEMAMPUAN ENTREPRENEURIAL SPIRIT DAN HASIL BELAJAR PADA PEMBELAJARAN BIOLOGI (Studi Eksperimen pada Materi Ekosistem di kelas X SMAN 1 Rancah Tahun Ajaran 2024/2025).** Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

Pendidikan berperan penting dalam menyiapkan peserta didik yang tidak hanya menguasai aspek kognitif, tetapi juga memiliki kemampuan entrepreneur untuk menghadapi tantangan abad 21. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *project based learning* berorientasi *ecopreneurship* terhadap kemampuan *entrepreneurial spirit* dan hasil belajar pada pembelajaran biologi di SMA Negeri 1 Rancah tahun ajaran 2024/2025. Populasi penelitian yaitu seluruh kelas X SMA Negeri 1 Rancah sebanyak 11 kelas, dengan sampel 3 kelas yang dipilih menggunakan teknik *purposive sampling*, yaitu kelas XE-5, XE-7 dan XE-8. Teknik pengumpulan data dilakukan dengan menggunakan angket *entrepreneurial spirit* sebanyak 32 pernyataan dan tes hasil belajar kognitif sebanyak 37 soal pilihan majemuk. Analisis data menggunakan uji *One-Way ANOVA* dengan taraf signifikansi 0,05. Hasil penelitian menunjukkan bahwa ada pengaruh model *project based learning* berorientasi *ecopreneurship* terhadap *entrepreneurial spirit* dan hasil belajar dengan nilai signifikansi 0,000. nilai signifikansi menunjukkan $< 0,05$ artinya H_0 ditolak dan H_a diterima. Selain itu dari skor rata-rata pengukuran *entrepreneurial spirit* dan hasil belajar peserta didik di kelas eksperimen lebih tinggi dibandingkan dengan skor di kelas kontrol positif dan kelas kontrol negatif. Dengan demikian, model *project based learning* berorientasi *ecopreneurship* memberikan pengaruh positif terhadap *entrepreneurial spirit* dan hasil belajar peserta didik pada materi ekosistem di kelas X SMA Negeri 1 Rancah.

Kata Kunci: *Project Based Learning, Ecopreneurship, Kemampuan Entrepreneurial Spirit, Hasil Belajar Kognitif, Ekosistem*

ABSTRACT

SITI PADHILAH LUTPIAH. 2025. ***THE EFFECT OF ECOPRENEURSHIP-ORIENTED PROJECT BASED LEARNING MODEL ON ENTREPRENEURIAL SPIRIT ABILITY AND LEARNING OUTCOMES IN BIOLOGY LEARNING (Experimental Study on Ecosystem Material in Grade X of SMAN 1 Rancah in the 2024/2025 Academic Year)***. Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

Education plays an important role in preparing students who not only master cognitive aspects but also possess entrepreneurial skills to face the challenges of the 21st century. This research aims to determine the effect of the ecopreneurship-oriented project-based learning model on entrepreneurial spirit and learning outcomes in biology lessons at SMA Negeri 1 Rancah for the 2024/2025 academic year. The study population consisted of all 11 classes of 10th-grade students at Rancah State High School 1. A sample of 3 classes was selected using purposive sampling technique, namely classes XE-5, XE-7, and XE-8. Data collection techniques were carried out using an entrepreneurial spirit questionnaire with 32 statements and a cognitive achievement test with 37 multiple-choice questions. Data analysis was conducted using a One-Way ANOVA test with a significance level of 0.05. The research results showed that the entrepreneurial spirit variable obtained a significance value of 0.000 and the learning outcomes variable obtained a significance value of 0.000. The significance value indicates < 0.05 , meaning H_0 is rejected and H_a is accepted. Additionally, the average scores for measuring entrepreneurial spirit and learning outcomes of students in the experimental class were higher compared to the scores in the positive control class and the negative control class. Thus, the ecopreneurship-oriented project-based learning model has a positive influence on increasing the entrepreneurial spirit and learning outcomes of participants in the ecosystem material in class X of SMA Negeri 1 Rancah.

Keywords: *Project Based Learning Model, Ecopreneurship, Entrepreneurial Spirit Ability, Cognitive Learning Outcomes, Biology Learning, Ecosystem*