ABSTRAK

ANDI MULYADI. 2023. **PENGARUH MODEL *PROJECT BASED LEARNING* TERHADAP HASIL BELAJAR DAN KETERAMPILAN KOLABORASI PESERTA DIDIK PADA MATERI EKOSISTEM** (Studi Eksperimen di Kelas X MIPA SMA Negeri 8 Tasikmalaya). Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Siliwangi, Tasikmalaya.

Tujuan penelitian ini untuk mengetahui pengaruh *model project based learning* terhadap hasil belajar dan keterampilan kolaborasi peserta didik kelas X MIPA SMA Negeri 8 Tasikmalaya pada materi Ekosistem. Penelitian ini dilaksanakan pada bulan Mei 2023. Metode penelitian yang digunakan yaitu *Quasi Experimen* dengan desain *the matching-only posttest-only control group design*. Populasi dalam penelitian adalah kelas X MIPA SMA Negeri 8 Tasikmalaya tahun ajaran 2022/2023 dengan jumlah 186 siswa dan terdiri dari 5 kelas X MIPA. Sampel diambil menggunakan teknik *purposive sampling*, diperoleh kelas X MIPA 4 sebagai kelas eksperimen dan kelas X MIPA 1 sebagai kelas kontrol. Proses pembelajaran di kelas kontrol menggunakan model *discovery learning*. Teknik pengumpulan data berupa tes hasil belajar dengan jumlah 30 soal pilihan majemuk dan non-tes menggunakan *angket Collaboration Self-Asessment Tool* (CSAT) dengan 44 item pernyataan. Teknik analisis data yang digunakan yaitu Uji *One Way Anova.* Berdasarkan hasil analisis data secara parsial dan simultan, dapat disimpulkan bahwa ada pengaruh model *project based learning* terhadap hasil belajar dan keterampilan kolaborasi peserta didik pada materi ekosistem di kelas X MIPA SMA Negeri 8 Tasikmalaya Tahun Ajaran 2022/2023.

Kata Kunci: *Project Based Learning*, Hasil Belajar, Keterampilan Kolaborasi
.

ABSTRAK

THE EFFECT OF PROJECT BASED LEARNING MODEL ON LEARNING OUTCOMES AND STUDENTS COLLABORATION SKILLS IN ECOSYSTEM MATERIALS *(Experimental Study in Class X MIPA SMA Negeri 8 Tasikmalaya). Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.*

The purpose of this study was to determine the effect of the project based model learning on learning outcomes and collaboration skills of class X students MIPA SMA Negeri 8 Tasikmalaya on Ecosystem material. This research will be held in May 2023. The research method used is Quasi Experiment with the matching-only posttest-only control group design design. The population in this study was class X MIPA SMA Negeri 8 Tasikmalaya academic year 2022/2023 with a total of 186 students and consists of 5 class X MIPA. Samples were taken using purposive sampling technique, obtained class X MIPA 4 as the experimental class and class X MIPA 1 as control class. The learning process in the control class uses a model discovery learning. The data collection technique is in the form of a learning achievement test a total of 30 multiple choice questions and non-test using a Collaboration questionnaire Self-Assessment Tool (CSAT) with 44 statement items. The data analysis technique used is the One Way Anova Test. Based on the results partial and simultaneous data analysis, it can be concluded that there is influence project based learning model on learning outcomes and collaboration skills students on ecosystem material in class X MIPA SMA Negeri 8 Tasikmalaya Academic Year 2022/2023..

Keywords: *Project Based Learning, Learning Outcome, Collaboration Skills*