

ABSTRAK

DINI FITDINIYAH. 2023. **Pengaruh Model *Project Based Learning* (PjBL) dengan Pendekatan Saintifik terhadap Keterampilan Proses Sains Peserta Didik pada Materi Animalia (Studi Eksperimen di Kelas X MIPA SMA Negeri 2 Tasikmalaya Tahun Ajaran 2022/2023)**. Skripsi Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

Penelitian ini bertujuan untuk mengetahui pengaruh model *Project Based Learning* (PjBL) dengan pendekatan saintifik terhadap keterampilan proses sains peserta didik pada materi animalia di kelas X MIPA SMA Negeri 2 Tasikmalaya Tahun Ajaran 2022/2023. Metode penelitian *quasi experiment* dengan desain penelitian *matching-only posttest-only control group design*. Populasi dalam penelitian seluruh peserta didik kelas X MIPA SMA Negeri 2 Tasikmalaya sebanyak 8 kelas dengan total 280 peserta didik. Sampel yang digunakan terdiri atas 2 kelas, yaitu kelas X MIPA 6 sebagai kelas eksperimen dengan jumlah peserta didik sebanyak 35 orang dan kelas X MIPA 8 sebagai kelas kontrol dengan jumlah peserta didik sebanyak 34 orang. Teknik pengambilan sampel dilakukan dengan metode *purposive sampling*. Teknik pengumpulan data berupa instrumen keterampilan proses sains berbentuk soal pilihan berganda 39 berkaitan dengan materi animalia. Uji hipotesis menggunakan uji t independen dengan nilai Sig. (2-tailed) sebesar $0.000 < 0.05$ sehingga H_0 ditolak artinya ada pengaruh signifikan *Project Based Learning* (PjBL) dengan pendekatan saintifik terhadap keterampilan proses sains peserta didik pada materi animalia di kelas X MIPA SMA Negeri 2 Tasikmalaya Tahun Ajaran 2022/2023.

Kata kunci : *Project Based Learning*; Pendekatan Saintifik; Keterampilan Proses Sains; Animalia

ABSTRACT

DINI FITDINIYAH. 2023. **The Effect of Project Based Learning (PjBL) model with a Scientific Approach on Students' Science Process Skills in Animalia Material (Experimental Study in Class X MIPA of SMA Negeri 2 Tasikmalaya Academic Year 2022/2023)**. Thesis Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

The aims of his study to determine the effect of the Project Based Learning (PjBL) model with a scientific approach to students' science process skills in animalia material in class X MIPA SMA Negeri 2 Tasikmalaya Academic Year 2022/2023. The research method use is quasi experiment with matching-only posttest-only control group design. The population on this study were all X MIPA at SMA Negeri 2 Tasikmalaya in 8 classes with a total of 280 students. The sample used in this study consisted of 2 classes, namely class X MIPA 6 as an experimental class with 35 students and class X MIPA 8 as a control class with 34 students. The sampling technique was carried out using purposive sampling method. The data collection technique was in the form of providing science process skills instruments in the form of multiple choice questions of 39 questions related to the material of animalia. The hypothesis test uses an independent t test with a Sig value. (2-tailed) of $0.000 < 0.05$ so that H_0 is rejected, which means that there is an effect of Project Based Learning (PjBL) on students' science process skills in animalia material in class X MIPA SMA Negeri 2 Tasikmalaya Academic Year 2022/2023.

Key Words : *Project Based Learning; Scientific approach; Science Process Skills; Animalia*