

ABSTRAK

Mita Miranda Gultom, NIM 4183141047 (2022). Implikasi *Project Based Learning* Materi Protista Terhadap Kemandirian dan Hasil Belajar Siswa Kelas X MIA SMA N 1 Besitang T.P. 2021/2022

Penelitian ini bertujuan untuk mengetahui pengaruh *Project Based Learning* terhadap kemandirian belajar dan hasil belajar siswa pada materi protista di kelas X MIA SMA N 1 Besitang T.P 2021/2022. Jenis penelitian yang digunakan adalah *Quasi Experiment*, metode yang digunakan dalam penelitian ini adalah *Pre-Experimental* dengan desain penelitian *Nonequivalent Control Group Design*. Populasi dalam penelitian ini terdiri dari tiga kelas X MIA SMA N 1 Besitang T.P. 2021/2022. Sampel yang digunakan terdiri dari 2 kelas berjumlah 70 siswa yang diambil secara *purposive sampling*. Teknik pengumpulan data menggunakan soal *pretest* dan *posttest* dan angket kemandirian belajar. Nilai persentase tertinggi kemandirian belajar siswa pada kelas eksperimen yaitu 83,33%, dan nilai persentase terendah 66,67% dengan kriteria sangat tinggi, sedangkan pada kelas kontrol nilai persentase tertinggi 76,67% dan nilai persentase terendah 61,67% dengan kriteria tinggi. Kelas eksperimen rata-rata skor *pretest* adalah 33,37, dan rata-rata skor *posttest* adalah 85,03, sedangkan pada kelas kontrol rata-rata skor *pretest* adalah 33,26, dan rata-rata skor *posttest* adalah 78,74. Peningkatan hasil belajar ditunjukkan oleh nilai *n-gain* sebesar 0,78 dengan kategori tinggi pada kelas eksperimen dan 0,69 dengan kategori sedang pada kelas kontrol. Berdasarkan hasil uji hipotesis kemandirian belajar, diperoleh nilai (*2-tailed*) sebesar 0,000, maka nilai (*2-tailed*) < 0,05 terdapat pengaruh model *Project Based Learning* terhadap kemandirian belajar siswa pada materi protista kelas X MIA SMA N 1 Besitang T.P 2021/2022. Uji hipotesis hasil belajar diperoleh nilai (*2-tailed*) sebesar 0,000, maka nilai (*2-tailed*) < 0,05 terdapat pengaruh model *Project Based Learning* terhadap hasil belajar siswa pada materi protista kelas X MIA SMA N 1 Besitang T.P 2021/2022.

Kata Kunci : *Project Based Learning*, Kemandirian Belajar, Hasil Belajar



ABSTRACT

Mita Miranda Gultom, NIM 4183141047 (2022). Implications of Project Based Learning Protist Material on Independence and Learning Outcomes of Class X MIA Students of SMA N 1 Besitang TP 2021/2022

This research aims to determine the effect of Project Based Learning on learning independence and student learning outcomes on protist material in class X MIA SMA N 1 Besitang TP 2021/2022. The type of research used is Quasi Experiment, the method used in this research is Pre-Experimental with the research design of Nonequivalent Control Group Design. The population in this study consisted of three class X MIA SMA N 1 Besitang TP 2021/2022. The sample used consisted of 2 classes totaling 70 students who were taken by purposive sampling. Data collection techniques used pretest and posttest questions and learning independence questionnaires. The highest percentage value of student learning independence in the experimental class is 83,33%, and the lowest percentage value is 66,67% with very high criteria, while in the control class the highest percentage value is 76,67% and the lowest percentage value is 61,67% with high criteria. The experimental class average pretest score was 33,37, and the posttest average score was 85,03, while in the control class the average pretest score was 33,26, and the posttest average score was 78,74. The increase in learning outcomes is indicated by the n-gain value of 0,78 with a high category in the experimental class and 0,69 with a medium category in the control class. Based on the results of the learning independence hypothesis test, it was obtained the value (2-tailed) is 0,000, then the value (2-tailed) $< 0,05$ is the effect of the Project Based Learning model on student learning independence in protist material for class X MIA SMA N 1 Besitang TP 2021/2022. Hypothesis test of learning outcomes obtained the value (2-tailed) is 0,000, then the value (2-tailed) $< 0,05$ is the effect of the Project Based Learning model on student learning outcomes in protist material for class X MIA SMA N 1 Besitang TP 2021/2022.

Keywords: Project Based Learning, Independent Learning, Learning Outcomes

