

ABSTRAK

Ayu Lestari Sitohang, NIM. 3202431008. Perbedaan Hasil Belajar Siswa dengan Menggunakan Model *Problem Based Learning* (PBL) dan *Project Based Learning* (PjBL) pada Materi Mitigasi Bencana Alam di Kelas XI SMA Negeri 10 Medan T.A 2023/2024, Skripsi, Jurusan Pendidikan Geografi Fakultas Ilmu Sosial Universitas Negeri Medan, 2024.

Penelitian ini bertujuan untuk mengetahui : (1) Hasil belajar siswa dengan menggunakan model pembelajaran *Problem Based Learning* (PBL) di kelas XI SMA Negeri 10 Medan T.A 2023/2024, (2) Hasil belajar siswa dengan menggunakan model pembelajaran *Project Based Learning* (PjBL) di kelas XI SMA Negeri 10 Medan T.A 2023/2024, (3) Perbedaan signifikan hasil belajar siswa dengan menggunakan model *Problem Based Learning* (PBL) dengan *Project Based Learning* (PjBL) kelas XI SMA Negeri 10 Medan T.A 2023/2024.

Penelitian ini dilakukan di SMA Negeri 10 Medan. Populasi pada penelitian ini adalah seluruh siswa kelas XI IIS SMA Negeri 10 Medan T.A 2023/2024 berjumlah 101 siswa. Menggunakan teknik *simple random sampling*, yaitu siswa kelas XI IIS 1 (Eksperimen I) berjumlah 34 siswa dan kelas XI IIS 3 (Eksperimen II) berjumlah 34 siswa. Teknik analisis data yang digunakan adalah teknik analisis kuantitatif melalui uji-t.

Hasil penelitian menunjukkan bahwa : (1) hasil belajar siswa dengan menggunakan model *Problem Based Learning* (PBL) diperoleh nilai rata-rata *pretest* 53.09, sedangkan *posttest* 83.53, (2) hasil belajar siswa dengan menggunakan model *Project Based Learning* (PjBL) didapat nilai rata-rata *pretest* 51.18, sedangkan *posttest* 82.79, (3) berdasarkan hasil uji-t diperoleh sig. (2-tailed) $0.664 > 0.05$, sehingga H_0 diterima, artinya tidak terdapat perbedaan signifikan hasil belajar siswa yang menggunakan model *Problem Based Learning* (PBL) dengan *Project Based Learning* (PjBL) kelas XI SMA Negeri 10 Medan T.A 2023/2024.

ABSTRACT

Ayu Lestari Sitohang, NIM. 3202431008. Differences in Student Learning Outcomes by Using Problem Based Learning (PBL) and Project Based Learning (PjBL) Models on Natural Disaster Mitigation Material in Class XI SMA Negeri 10 Medan T.A 2023/2024, Thesis, Department of Geography Education, Faculty of Social Sciences, State University of Medan, 2024.

This study aims to determine: (1) Student learning outcomes using the Problem Based Learning (PBL) learning model in class XI of SMA Negeri 10 Medan T.A 2023/2024, (2) Student learning outcomes using the Project Based Learning (PjBL) learning model in class XI of SMA Negeri 10 Medan T.A 2023/2024, (3) Significant differences in student learning outcomes using the Problem Based Learning (PBL) model with Project Based Learning (PjBL) class XI of SMA Negeri 10 Medan T.A 2023/2024.

This research was conducted at SMA Negeri 10 Medan. The population in this study were all students of class XI IIS SMA Negeri 10 Medan T.A 2023/2024 totaling 101 students. Using simple random sampling technique, namely students in class XI IIS 1 (Experiment I) totaling 34 students and class XI IIS 3 (Experiment II) totaling 34 students. The data analysis technique used is quantitative analysis technique through t-test.

The results showed that: (1) student learning outcomes using the Problem Based Learning (PBL) model obtained an average pretest value of 53.09, while the posttest was 83.53, (2) student learning outcomes using the Project Based Learning (PjBL) model obtained an average pretest value of 51.18, while the posttest was 82.79, (3) based on the t-test results obtained sig. (2-tailed) $0.664 > 0.05$, so H_0 is accepted, meaning that there is no significant difference in student learning outcomes using the Problem Based Learning (PBL) model with Project Based Learning (PjBL) class XI SMA Negeri 10 Medan T.A 2023/2024.