

ABSTRAK

Ernawati Nainggolan, NIM 4183141071 (2024) Pengaruh Model *Problem Based Learning* (PBL) Dengan Menggunakan Media Peta Pikiran (Mind Map) Pada Materi Protista Mirip Hewan (Protozoa) Terhadap Hasil Belajar Siswa Kelas X IPA di SMA Negeri 13 Medan TP. 2022/2023.

Penelitian ini bertujuan untuk mengetahui pengaruh model *Problem Based Learning* (PBL) dengan menggunakan media peta pikiran (mind map) pada materi protista mirip hewan (protozoa) terhadap hasil belajar siswa kelas X IPA di SMA Negeri 13 Medan. Populasi penelitian ini adalah seluruh siswa kelas X IPA di SMA Negeri 13 Medan yang berjumlah 287 orang. Sampel diambil dengan teknik *purposive sampling* yakni siswa kelas X IPA 1 dan X IPA 2. Instrumen yang digunakan pada penelitian ini berupa soal pilihan berganda dengan materi protista mirip hewan (protozoa) yang divalidasi oleh dosen ahli. Hasil penelitian menunjukkan bahwa terdapat pengaruh hasil belajar siswa yang diajarkan pada kelas eksperimen I dengan model *Problem Based Learning* (PBL) dan kelas eksperimen II dengan model *Problem Based Learning* (PBL) dengan menggunakan media peta pikiran (mind map) pada materi protista mirip hewan (protozoa) kelas X IPA di SMA Negeri 13 Medan. Nilai rata-rata hasil *posttest* siswa SMA Negeri 13 Medan yang diajarkan dengan model *Problem Based Learning* (PBL) dengan menggunakan media peta pikiran (mind map) lebih tinggi yaitu 80,64 jika dibandingkan dengan nilai rata-rata hasil *posttest* siswa dengan model *Problem Based Learning* (PBL) yaitu 70,68.

Kata Kunci: *Problem Based Learning* (PBL), Peta Pikiran (Mind Map), Protista Mirip Hewan (Protozoa), Hasil Belajar

ABSTRACT

Ernawati Nainggolan, NIM 4183141071 (2024) The Influence of the Problem Based Learning (PBL) Model Using Mind Map Media on Animal-Like Protists (Protozoa) Material on the Learning Outcomes of Class X Science Students at SMA Negeri 13 Medan TP. 2022/2023.

This research aims to determine the effect of the Problem Based Learning (PBL) model using mind map media on animal-like protists (protozoa) on the learning outcomes of class X Science students at SMA Negeri 13 Medan. The population of this study was all students of class X Science at SMA Negeri 13 Medan, totaling 287 people. The samples were taken using a purposive sampling technique, namely students from class X IPA 1 and The research results showed that there was an influence on student learning outcomes taught in experimental class I with the Problem Based Learning (PBL) model and experimental class II with the Problem Based Learning (PBL) model using mind map media on animal-like protists (protozoa) class X Science at SMA Negeri 13 Medan. The average score of posttest results for students at SMA Negeri 13 Medan who were taught using the Problem Based Learning (PBL) model using mind map media was higher, namely 80.64 when compared to the average score of posttest results for students using the Problem Based model. Learning (PBL) is 70.68.

Keywords: Problem Based Learning (PBL), Mind Map, Animal-Like Protists (Protozoa), Learning Results