

ABSTRAK

Narti M Husen, 2024. Penerapan model pembelajaran *discovery learning* terhadap ketrampilan proses sains dan hasil belajar siswa SMP Muhammadiyah 2 Kota Ternate Kelas VIII Dengan Materi Sistem Gerak Pada Manusia.. Pembimbing: (1) Prof.Dr. Abdu Mas'ud,S.Pd.M.,Pd dan Pembimbing (2) Ibu Nurmaya Papungan, S.Pd,M.,Si.

Penelitian ini bertujuan untuk mengetahui model pembelajaran *discovery learning* terhadap ketrampilan proses sains dan hasil belajar siswa SMP Muhammadiyah 2 Kota Ternate Kelas VIII Dengan Materi Sistem Gerak Pada Manusia. Penelitian ini merupakan penelitian eksperimen yang menggunakan model pembelajaran *discovery learning* dibandingkan dengan kelas kontrol yang menggunakan model konvensional pada materi sistem gerak pada manusia. Sampel penelitian diambil dengan teknik random sampling. Instrumen yang digunakan berupa tes pilihan ganda berjumlah 15 soal. Data dianalisis dengan menggunakan bantuan software SPSS 16 yaitu menggunakan analisis kovarian (Anacova). Berdasarkan hasil hipotesis menggunakan analisis kovarian (anacova) yang diperoleh bahwa model atau kelas yang diberikan perlakuan nilai signifikansinya yaitu sebesar $65 \leq 85$ dan rata-rata hasil terkoreksi kelas yang diberikan perlakuan dengan model *discovery learning* lebih besar 77,27 dibandingkan dengan kelas yang tidak diberikan perlakuan yaitu 22,73 dari penelitian ini H_a diterima dan H_o ditolak. Yaitu terdapat penerapan model *discovery learning* terhadap keterampilan proses sains dan hasil belajar siswa pada kelas kontrol.

Kata Kunci : *Discovery Learning*, Hasil Belajar Dan Sistem Gerak Pada Manusia.

ABSTRACT

Narti M Husen, 2024. Application of the discovery learning learning model to science process skills and learning outcomes of Muhammadiyah Middle School 2 students in Ternate City class VIII with material on human movement systems. Thesis, biology education study program. Department of Mathematics and Natural Sciences, Faculty of Teacher Training and Education. Khairun Ternate State University. Supervisor: (1) Prof.Dr. Abdu Mas'ud, S.Pd.M., Pd and Supervisor (2) Mrs. Nurmaya Papungan, S.Pd, M., Si

This research aims to determine the *discovery learning* model for science process skills and learning outcomes of students at Muhammadiyah 2 Middle School, Ternate City, class VIII with material on human movement systems. This research is experimental research that uses a discovery learning learning model compared to a control class that uses a conventional model on human movement systems. The research sample was taken using random sampling technique. The instrument used is a multiple choice test with 15 questions. Data were analyzed using SPSS 16 software, namely using the covariance analysis test (Anacova). Based on the results of hypothesis testing using covariance analysis (anakova), it was found that the model or class that was treated had a significance value of $65 \leq 85$ and the average corrected result for the class that was treated with the discovery learning model was 77.27 greater than the class that did not given treatment, namely 22.73 from this study H_a was accepted and H_o was rejected. Namely, there is an application of the *discovery learning* model to science process skills and student learning outcomes in the control class.

Keywords: *Discovery Learning*, Learning Outcomes and Movement Systems in Humans.