

ABSTRAK

Chealse Marcella Agnes Lumbantoruan, NIM. 4213151012 (2025). Perbedaan Hasil dan Aktivitas Belajar Menggunakan Model *Discovery Learning* dengan Kooperatif Tipe *Think Talk Write* pada Materi Ekologi di SMP Negeri 35 Medan.

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar dan aktivitas belajar siswa yang diajar menggunakan model *discovery learning* dan model pembelajaran kooperatif tipe *think talk write* pada materi ekologi. Metode penelitian yang digunakan Adalah *Quasi Experiment* dengan desain *pretest-posttest control group design*. Sampel penelitian ditentukan menggunakan teknik *purposive sampling*, yaitu kelas VII-5 sebagai kelas eksperimen I yang diajar menggunakan model *discovery learning* dan kelas VII-4 sebagai kelas eksperimen II yang diajar menggunakan model kooperatif tipe *think talk write*. Data diperoleh melalui tes hasil belajar dan lembar observasi aktivitas belajar. Analisis data dilakukan melalui uji normalitas, uji homogenitas, dan uji *t* dua pihak. Hasil penelitian menunjukkan nilai signifikansi (Sig. 2-tailed) untuk rata-rata hasil belajar sebesar 0,604 dan untuk rata-rata aktivitas belajar sebesar 0,542, keduanya lebih besar dari 0,05. Berdasarkan hasil tersebut disimpulkan bahwa tidak terdapat perbedaan antara hasil maupun aktivitas belajar siswa yang diajar menggunakan kedua model pembelajaran. Dengan demikian, model *discovery learning* dan *think talk write* sama-sama mampu dalam meningkatkan hasil dan aktivitas belajar siswa pada materi ekologi di SMP Negeri 35 Medan.

Kata kunci: Hasil Belajar, Aktivitas Belajar, Model *Discovery Learning*, Model Kooperatif Tipe *Think Talk Write*, Ekologi



ABSTRACT

Chealse Marcella Agnes Lumbantoruan, NIM. 4213151012 (2025). Differences in Learning Outcomes and Activities Using the *Discovery Learning* Model with the *Think Talk Write* Cooperative Type on Ecology Material at SMP Negeri 35 Medan.

This study aims to determine the differences in learning outcomes and learning activities of students taught using the discovery learning model and the think talk write cooperative learning model on ecology material. The research method used is Quasi Experiment with a pretest-posttest control group design. The research sample was determined using a purposive sampling technique, namely class VII-5 as the experimental class I taught using the discovery learning model and class VII-4 as the experimental class II taught using the think talk write cooperative model. Data were obtained through learning outcome tests and learning activity observation sheets. Data analysis was carried out through normality tests, homogeneity tests, and two-tailed t-tests. The results showed a significance value (Sig. 2-tailed) for the average learning outcome of 0.604 and for the average learning activity of 0.542, both of which were greater than 0.05. Based on these results, it was concluded that there was no difference between the results and learning activities of students taught using the two learning models. Thus, the discovery learning and think talk write models are both can improving student learning outcomes and activities on ecology material at SMP Negeri 35 Medan.

Keywords : *Learning Outcomes, Learning Activities, Discovery Learning Model, Cooperative Model Think Talk Write Type, Ecology*

