

Rusnia, 2024. *Reduksi Miskonsepsi Siswa pada Materi Klasifikasi Makhluk Hidup dengan Menggunakan Model Guided Discovery Learning*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Aida Fikriyah.

## ABSTRAK

Penelitian dilakukan untuk mereduksi miskonsepsi siswa dengan menggunakan model *Guided Discovery Learning* pada materi klasifikasi makhluk hidup. penelitian dilakukan menggunakan metode kuantitatif dengan desain penelitian *pre-experimental* dalam bentuk *one group pretest-posttest design*. Sampel yang digunakan yaitu kelas VII-C sebanyak 22 siswa dengan pemilihan sampel secara *purposive sampling*. Penelitian dilakukan di SMPN 1 Socah Tahun Pelajaran 2023/2024. Teknik pengumpulan data menggunakan tes diagnostik *three-tier*, lembar observasi keterlaksanaan pembelajaran, angket respons siswa dan dokumentasi. Berdasarkan hasil penelitian dapat disimpulkan bahwa (1) Persentase miskonsepsi siswa dan sebelum dan sesudah pembelajaran dengan menggunakan model *Guided Discovery Learning* mengalami penurunan yaitu sebelum pembelajaran sebesar 55,45% tergolong dalam kategori sedang, dan sesudah pembelajaran turun menjadi 29,32% tergolong dalam kategori rendah, dengan selisih persentase sebesar 26,13%. (2) Uji hipotesis menunjukkan ada perbedaan miskonsepsi siswa pada materi klasifikasi makhluk hidup sebelum dan sesudah pembelajarannya dengan model *Guided Discovery Learning*. (3) Hasil keterlaksanaan pembelajaran dengan model *Guided Discovery Learning* memperoleh nilai rata-rata sebesar 92,31% dengan kategori sangat baik (4) Respons siswa terhadap pembelajaran dengan menggunakan model *Guided Discovery Learning* sangat baik dengan nilai rata-rata sebesar 86,35%.

**Kata kunci :** klasifikasi makhluk hidup, miskonsepsi, model *guided discovery learning*, tes diagnostik *three-tier*.

Rusnia, 2024. *Reducing Student Misconceptions on Living Creature Classification Material Using the Guided Discovery Learning Model*. Thesis, Science Education Study Program, Faculty of Education, University of Trunojoyo. Advisor: Aida Fikriyah.

## **ABSTRACT**

Research was conducted to reduce students' misconceptions by using the Guided Discovery Learning model on the material of classification of living things. The research was conducted using quantitative methods with a pre-experimental research design in the form of a one group pretest-posttest design. The sample used was class VII-C as many as 22 students with sample selection using purposive sampling. The research was conducted at SMPN 1 Socah for the 2023/2024 academic year. Data collection techniques use three-tier diagnostic tests, learning implementation observation sheets, student response questionnaires and documentation. Based on the research results, it can be concluded that (1) The percentage of students' misconceptions before and after learning using the Guided Discovery Learning model has decreased, namely before learning it was 55.45% belonging to the medium category, and after learning it fell to 29.32% belonging to the high category low, a percentage difference of 26.13%. (2) Hypothesis testing shows that there are differences in students' misconceptions regarding the classification of living things before and after learning with the Guided Discovery Learning model. (3) The results of implementing learning using the Guided Discovery Learning model obtained an average score of 92.31% with a very good category (4) Student responses to learning using the Guided Discovery Learning model were very good with an average score of 86.35% .

**Keywords:** classification of living things, misconceptions, guided discovery learning model, three-tier diagnostic test.