

ABSTRAK

Siregar, NIM 4203151042 (2024). Efektivitas Model Pembelajaran *Discovery Learning* Terhadap Prestasi Belajar Siswa Pada Materi Sistem Pernapasan Manusia di Kelas VIII SMP Negeri 3 Percut Sei Tuan.

Penelitian ini bertujuan untuk mengetahui efektivitas model pembelajaran *Discovery Learning* terhadap prestasi belajar siswa pada materi Sistem Pernapasan Manusia di Kelas VIII SMP Negeri 3 Percut Sei Tuan. Sampel penelitian terdiri dari satu kelas yang diperoleh secara *random sampling*. Jenis penelitian ini merupakan penelitian *pre-experimental (one group pretest-posttest)*. Sumber data diperoleh dari prestasi belajar siswa melalui soal tes berupa pilihan berganda sebanyak 40 soal. Prestasi belajar yang didapat dari rata-rata pretest siswa yaitu sebesar 37 dan rata-rata posttest siswa sebesar 91,53. Tingkat penguasaan materi siswa diperoleh 24 siswa dalam kategori sangat tinggi dan 8 siswa dalam kategori tinggi, dengan perolehan skor rata-rata tingkat penguasaan materi siswa sebesar 91,53% termasuk kategori sangat tinggi, untuk tingkat ketuntasan belajar siswa mencapai 100% siswa termasuk kategori tuntas, dan untuk tingkat ketercapaian indikator dari indikator 1 sampai indikator 10 dengan rata-rata 90,78% termasuk kategori tercapai. Perhitungan g Faktor (*N-Gain*) sebesar 86,49% menunjukkan pada kategori tinggi yang artinya efektif, dan dilihat dari hasil perhitungan diketahui bahwa kriteria efektivitas model pembelajaran *Discovery Learning* semuanya telah tercapai sehingga dapat disimpulkan bahwa model pembelajaran *Discovery Learning* efektif digunakan pada materi Sistem Pernapasan Manusia di Kelas VIII SMP Negeri 3 Percut Sei Tuan.

Kata Kunci: *Discovery Learning, Prestasi Belajar, Efektivitas, Sistem Pernapasan Manusia.*

ABSTRACT

Siregar, NIM 4203151042 (2024). The Effectiveness of *Discovery Learning* Model on Students' Learning Achievement in Human Respiratory System Material in Class VIII SMP Negeri 3 Percut Sei Tuan.

This study aims to determine the effectiveness of the *Discovery Learning* model on students' learning achievement in the Human Respiratory System material in Class VIII SMP Negeri 3 Percut Sei Tuan. The research sample consists of one class obtained through *random sampling*. This type of research is a *pre-experimental (one group pretest-posttest)*. The data source is obtained from students' learning achievements through a 40-item multiple-choice test. The learning achievement obtained from the average pretest score of students is 37, and the average posttest score of students is 91.53. The level of mastery of the material by students is obtained with 24 students in the very high category and 8 students in the high category, with an average score of 91.53% for the level of material mastery, which falls into the very high category. For the level of student learning completeness, it reaches 100%, categorized as complete, and for the level of achievement of indicators from indicator 1 to indicator 10 with an average of 90.78%, categorized as achieved. The calculation of the g Factor (N-Gain) of 86.49% indicates a high category, which means effective. From the calculation results, it is known that the criteria for the effectiveness of the *Discovery Learning* model have all been achieved, so it can be concluded that the *Discovery Learning* model is effectively used in the Human Respiratory System material in Class VIII SMP Negeri 3 Percut Sei Tuan.

Keywords: *Discovery Learning, Learning Achievement, Effectiveness, Human Respiratory System.*