

ABSTRAK

Elisa Fitri Saragih, NIM 4223131042 (2026), Pengaruh Model *Discovery Learning* Berbantuan *Wordwall* Untuk Meningkatkan Minat dan Hasil Belajar Siswa Kelas XI Materi Larutan Elektrolit dan Nonelektrolit

Penelitian ini bertujuan untuk mengetahui pengaruh penerapan model *Discovery Learning* berbantuan media *Wordwall* terhadap minat dan hasil belajar siswa pada materi larutan elektrolit dan nonelektrolit, serta menganalisis hubungan antara minat belajar dan hasil belajar siswa. Penelitian dilaksanakan di SMA Negeri 10 Medan dengan sampel kelas XI F-2 dan XI F-6 yang ditentukan melalui teknik *random sampling*. Desain penelitian yang digunakan adalah *Pretest-Posttest control group design* dalam kerangka *quasi experimental*. Pengumpulan data dilakukan menggunakan tes hasil belajar dan angket minat belajar. Analisis data meliputi uji *N-Gain*, uji *t*, dan korelasi *Product Moment Pearson*. Hasil penelitian menunjukkan bahwa nilai rata-rata *N-Gain* kelas eksperimen sebesar 58,87% dengan kategori cukup efektif, sedangkan kelas kontrol sebesar 50,73%. Hasil uji *Independent Sample T-test* menunjukkan nilai signifikansi 0,002 ($<0,05$) yang menunjukkan adanya pengaruh model *Discovery Learning* berbantuan *Wordwall* terhadap hasil belajar siswa. Rata-rata minat belajar siswa pada kelas eksperimen sebesar 81,68, lebih tinggi dibandingkan kelas kontrol sebesar 72,74, dengan nilai signifikansi 0,002 ($<0,05$). Uji *korelasi Pearson* menunjukkan hubungan yang kuat dan signifikan antara minat belajar dan hasil belajar dengan koefisien korelasi 0,627 serta kontribusi sebesar 39,3%. Hasil penelitian menunjukkan bahwa penerapan model *Discovery Learning* berbantuan *Wordwall* berpengaruh positif terhadap minat dan hasil belajar siswa.

Kata Kunci: Model *Discovery Learning*, *Wordwall*, Minat Belajar, Hasil Belajar Kimia.

ABSTRACT

Elisa Fitri Saragih, NIM 4223131042 (2026), *The Effect of the Wordwall Assisted Discovery Learning Model the Interest and Learning Outcomes of Grade XI Students in Electrolyte and Nonelectrolyte Solutions*

This study aims to determine the effect of the application of the Discovery Learning model assisted by Wordwall media on students' interest and learning outcomes in the material of electrolyte and non-electrolyte solutions, and to analyze the relationship between learning interests and student learning outcomes. The study was conducted at SMA Negeri 10 Medan with samples of class XI F-2 and XI F-6 determined through random sampling techniques. The research design used was a Pretest-Posttest control group design within a quasi-experimental framework. Data collection was carried out using learning outcome tests and learning interest questionnaires. Data analysis included the N-Gain test, t-test, and Pearson Product Moment correlation. The results showed that the average N-Gain value of the experimental was 58.87% with a fairly effective category, while the control was 50.73%. The results of the Independent Sample T-test showed a significance value of 0.002 (<0.05) which indicated the effect of the Discovery Learning model assisted by Wordwall on student learning outcomes. The average student interest in learning in the experimental was 81.68, higher than the control 72.74, with a significance value of 0.002 (<0.05). A Pearson correlation test showed a strong and significant relationship between interest in learning and learning outcomes, with a correlation coefficient of 0.627 and a contribution of 39.3%. The results showed that the implementation of the Wordwall-assisted Discovery Learning model had a positive effect on student interest and learning outcomes.

Keywords: *Discovery Learning Model, Wordwall, Learning Interest, Chemistry Learning Outcomes*