

ABSTRAK

Noperanta Ginting, NIM 4193321003 (2023), Pengaruh Model Inkuiri Terbimbing Berbantuan *E-Learning Sevima Edlink* Terhadap Hasil Belajar Siswa Pada Materi Gelombang Bunyi Di Kelas XI SMA Swasta Masehi GBKP Berastagi T.P 2022/2023

Penelitian ini bertujuan untuk mengetahui pengaruh model inkuiri terbimbing berbantuan *e-learning sevima edlink* terhadap hasil belajar fisika siswa SMA pada materi gelombang bunyi. Penelitian ini merupakan jenis penelitian *quasi eksperimen* dengan desain *two group pretest posttest design*. Populasi dalam penelitian ini adalah seluruh kelas XI MIPA SMA Swasta Masehi GBKP Berastagi T.P 2022/2023 dan sampel dalam penelitian ini adalah kelas XI MIPA 2 (kelas eksperimen) dan XI MIPA 1 (kelas kontrol) yang diambil dengan cara *cluster random sampling*. Instrumen yang digunakan adalah tes hasil belajar berbentuk pilihan berganda sebanyak 15 soal. Hasil penelitian diperoleh bahwa nilai rata-rata pretest dan posttest di kelas eksperimen adalah 36,23 dan 80,89. Sedangkan di kelas kontrol adalah 34,86 dan 75,63. Analisis data dilakukan dengan uji t dengan taraf signifikan $\alpha = 0,05$ diperoleh bahwa $t_{hitung} > t_{tabel} = (2,286 > 1,669)$ maka H_0 ditolak dan H_a diterima yang artinya ada pengaruh yang signifikan dari model inkuiri terbimbing berbantuan *e-learning sevima edlink* terhadap hasil belajar siswa di kelas XI SMA Swasta Masehi GBKP Berastagi pada materi gelombang bunyi

Kata kunci: Inkuiri Terbimbing, *e-learning*, hasil belajar

ABSTRACT

Noperanta Ginting, NIM 4193321003 (2023), The Effect of Sevima Edlink's E-Learning Assisted Guided Inquiry Model on Student Learning Outcomes in Sound Waves Material in Class XI SMA Masehi GBKP Berastagi T.P 2022/2023.

This study aims to determine the effect of Sevima Edlink's e-learning-assisted guided inquiry model on high school students' physics learning outcomes in sound wave material. This research is a type of quasi-experimental research with a two-group pretest-posttest design. The population in this study were all XI MIPA classes at Masehi High School, GBKP Berastagi T.P 2022/2023 and the samples in this study were class XI MIPA 2 (experimental class) and XI MIPA 1 (control class) which were taken by cluster random sampling. The instrument used was a multiple-choice test with 15 questions. The results showed that the average pretest and posttest scores in the experimental class were 36.23 and 80.89. While in the control class were 34.86 and 75.63. Data analysis was carried out by t-test with a significant level of $\alpha = 0.05$, it was found that $t_{\text{count}} > t_{\text{table}} = (2.286 > 1.669)$ then H_0 was rejected and H_a was accepted, which means that there is a significant influence of the guided inquiry model assisted by the e-learning sevima edlink on learning outcomes students in class XI SMA Swasta Masehi GBKP Berastagi on sound waves material.

Keywords: *Guided Inquiry, e-learning, learning outcomes*