

## ABSTRAK

Sitti Susanti Haruna, 2022. Pengaruh LKPD Model Process Oriented Guided Inquiry Learning (POGIL) Terhadap Hasil Belajar Siswa Kelas X SMA Negeri 2 Halmahera Utara. Dibawah bimbingan Dr. Zulkifli Zam Zam, dan Ibu Nurul Aulia Rahman

Penelitian ini dilakukan untuk mengetahui pengaruh LKPD Model Process Oriented Guided Inquiry Learning (POGIL) terhadap hasil belajar siswa kelas X SMA Negeri 2 Halmahera Utara dalam mempelajari materi larutan elektrolit dan non elektrolit. Jenis penelitian ini adalah *pre-exsperimental* dengan desain *One-Group Pretest-Posttest*. Sampel dalam penelitian ini adalah kelas X IPA 2 sebanyak 18 siswa dengan teknik pengambilan sampel yaitu *purposive sampling*. Instrumen yang digunakan dalam penelitian ini berupa soal essay sebanyak 10 item yang digunakan untuk mengukur hasil belajar siswa. Data yang diperoleh kemudian dianalisis dengan SPSS 21. Hasil uji hipotesis yang diperoleh dari uji *Paired Sample T Test* dalam penelitian ini adalah  $t_{hitung} > t_{tabel}$  atau  $4393 > 1,729$ , maka terdapat pengaruh LKPD model Process Oriented Guided Inquiry Learning (POGIL) terhadap hasil belajar siswa dengan nilai gain sebesar 0,0527 dengan kategori rendah.

**Kata kunci :** LKPD model Process Oriented Guided Inquiry Learning, Hasil belajar, Larutan Elektrolit dan Non Elektrolit, SPSS 21

## ABSTRACT

Sitti Susanti Haruna, 2022. Effect of LKPD Model Process Oriented Guided Inquiry Learning (POGIL) on Learning Outcomes of Class X Students of SMA Negeri 2 Halmahera North. Under the guidance of Dr. Zulkifli ZamZam and Mrs Nurul Aulia Rahman

This research was conducted to determine the effect of the LKPD Model Process Oriented Guided Inquiry Learning (POGIL) on the learning outcomes of class X students of SMA Negeri 2 Halmahera Utara in studying electrolyte and non-electrolyte solutions. This type of research is pre-experimental with One-Group Pretest-Posttest design. The sample in this study is class X IPA 2 as many as 18 students with a sampling technique that is purposive sampling. The instrument used in this study was an essay question of 10 items which was used to measure student learning outcomes. The data obtained were then analyzed by SPSS 21. The results of the hypothesis test obtained from the Paired Sample T Test in this study were  $t_{count} > t_{table}$  or  $4393 > 1,729$ , then there was an effect of the Process Oriented Guided Inquiry Learning (POGIL) LKPD model on student learning outcomes by the gain value is 0.0527 in the low category.

**Keywords:** LKPD Model Process Oriented Guided Inquiry Learning, Learning Outcomes, Electrolyte and Non-Electrolyte Solutions, SPSS 21