ABSTRAK

Yolanda Maria Lumban Gaol, NIM 4182131021 (2022). Pengaruh Multimedia Lectora Inspire pada Pembelajaran Model Problem Based Learning (PBL) Terhadap Hasil Belajar Kimia Siswa pada Pokok Materi Termokimia.

Penelitian ini bertujuan untuk mengetahui: (1) Pengaruh multimedia *lectora inspire* pada pembelajaran *problem based learning* (PBL) terhadap hasil belajar termokimia; (2) Respon siswa terhadap pembelajaran menggunakan multimedia *lectora inspire* pada PBL materi termokimia. Populasi dalam penelitian ini adalah seluruh siswa kelas XI MIPA di SMA Negeri 7 Medan. Sampel diambil secara *purposive sampling* sebanyak 2 kelas. Kelas eksperimen yang dibelajarkan dengan menggunakan multimedia *lectora inspire* dan kelas kontrol yang dibelajarkan tanpa media *lectora inspire*. Kedua kelas menggunakan model PBL. Instrumen tes yang digunakan adalah tes hasil belajar termokimia berupa pilihan berganda sebanyak 20 soal, sedangkan respon siswa diukur dengan angket. Data dianalisis dengan uji normalitas, homogenitas, dan uji hipotesis *t–test* dengan taraf signifikansi 0.05. Hasil analisis data menunjukkan bahwa (1) Ada pengaruh multimedia multimedia *lectora inspire* dengan model pembelajaran *problem based learning* (PBL) terhadap hasil belajar kimia siswa; (2) Respon siswa terhadap pembelajaran menggunakan multimedia *lectora inspire* dengan model pembelajaran *problem based learning* (PBL) pada materi termokimia menunjukkan hasil persentase yakni 76,04% dan dikategorikan baik.

Keywords : *Lectora Inspire, Problem Based Learning,* Hasil Belajar, Respon Siswa.

ABSTRACT

Yolanda Maria Lumban Gaol, NIM 4182131021 (2022). The Influence of Lectora Inspire Multimedia on Problem Based Learning (PBL) Model Learning on Student Chemistry Learning Outcomes on the subject of Thermochemistry.

This study aims to determine: (1) the effect of multimedia Lectora inspire on problem based learning (PBL) on thermochemistry learning outcomes; (2) Students' responses to learning using multimedia Lectora inspire on PBL thermochemical material. The population in this study were all students of class XI MIPA at SMA Negeri 7 Medan. Samples were taken by purposive sampling as many as 2 classes. The experimental class was taught using Lectora inspire multimedia and the control class was taught without Lectora inspire. Both classes use the PBL model. The test instrument used was a test of thermochemistry learning outcomes in the form of multiple choice as many as 20 questions, while student responses were measured by questionnaires. Data were analyzed by normality, homogeneity, and hypothesis testing t-test with a significance level of 0.05. The results of data analysis show that (1) there is an influence of the multimedia Lectora inspire with problem based learning (PBL) learning model on student chemistry learning outcomes; (2) The student's response to learning using multimedia Lectora inspire with the problem based learning (PBL) model on thermochemical material shows a percentage result of 76.04% and is categorized as good..

Kata Kunci : *Lectora Inspire, Problem Based Learning, Learning Outcomes, Student Response.*