

ABSTRAK

Ester Muliana Marpaung. NIM 4203331012 (2024). Pengaruh Media *Webblog* Dengan Menggunakan Model Problem Based Learning Terhadap Motivasi Dan Hasil belajar Siswa Pada Materi Termokimia.

Penelitian ini bertujuan untuk mengetahui pengaruh Media *Webblog* Dengan Menggunakan Model Problem Based Learning Terhadap Motivasi dan Hasil Belajar Siswa Pada Materi Termokimia di kelas XI SMA Negeri 1 Percut Sei Tuan. Penelitian ini adalah penelitian kuantitatif dan pengambilan sampel dari populasi secara *purposive sampling* sebanyak 60 siswa. Pengumpulan data dilakukan menggunakan instrumen tes dan angket. Data yang diperoleh diolah secara deskriptif menggunakan *Software* SPSS 24 for *Windows* dan dianalisis dengan uji *Independent Sample T-Test*. Dari pengolahan dan analisis data diperoleh hasil yaitu : pada Hipotesis I diperoleh presentase rata – rata nilai motivasi kelas eksperimen > kelas kontrol yaitu 70,36% > 61,6%, dengan uji *Independent Sample T-Test* diperoleh signifikansi data < 0,05 (0,000); H_0 ditolak dan H_a diterima, yang artinya terdapat pengaruh media *webblog* dengan menggunakan model problem based learning terhadap motivasi belajar siswa pada pembelajaran termokimia. Untuk Hipotesis II mengenai hasil belajar siswa diperoleh signifikansi data dari uji *Independent Sample T-Test* $0,001 < 0,05$; H_0 ditolak dan H_a diterima, yang artinya terdapat pengaruh media *weblog* dengan menggunakan model problem based learning terhadap belajar belajar siswa pada pembelajaran termokimia dengan rata – rata nilai *postest* kelas eksperimen > kelas kontrol yaitu 84 > 78. Sementara untuk uji Korelasi antara motivasi dan hasil belajar kimia siswa diperoleh nilai Sig. 0,000 pada taraf α (0,05) sebesar 0,953; H_0 ditolak dan H_a diterima, yang artinya terdapat korelasi positif antara motivasi belajar terhadap hasil belajar kimia siswa yang dibelajarkan dengan menggunakan media *webblog* dengan menggunakan model problem based learning pada materi Termokimia.

Kata Kunci

Hasil Belajar, Motivasi, Problem Based Learning, Termokimia, Webblog

ABSTRACT

Ester Muliana Marpaung. NIM 4203331012 (2024). The Influence of Webblog Media Using the Problem Based Learning Model on Student Motivation and Learning Outcomes on Thermochemical Material.

This research aims to determine: (1) the effect of using weblogs using a problem based learning model on high school students' learning motivation on the subject of thermochemistry; (2) the effect of using a weblog using a problem based learning model on high school students' learning outcomes on the subject of thermochemistry; (3) determine the correlation between student learning motivation and the learning outcomes of high school students who are taught using weblog media using a problem based learning model on the subject of thermochemistry. This type of research is experimental research with a population of all class XI students of SMA Negeri 1 Percut Sei Tuan in the even semester of TA. 2023/2024. Sample determination was carried out using a purposive sampling technique. The sample consisted of 2 classes, namely class XI-Matlanko 2 as an experimental class (30 students) which was taught using Webblog media and class The instruments used are test instruments to measure learning outcomes and non-test instruments to measure learning motivation. The results of this research indicate that there is an influence of using a weblog using a problem based learning model on student learning motivation by testing the sig hypothesis. $0.00 < \alpha (0.05)$ and there is also an influence of using a weblog using the problem based learning model on student learning motivation with hypothesis testing sig. $0.00 < \alpha (0.05)$. Apart from that, there is a correlation between learning motivation and student learning outcomes who are taught using weblog media using the problem based learning model with sig. $0.00 < \alpha (0.05)$ and Pearson correlation 0.953 with the high category.

Key Words

Weblog, Problem Based Learning, Motivation, Learning Outcomes, Thermochemistry