

ABSTRAK

Muhammad Baidhawi: Efektivitas Penggunaan *Problem Based Learning* (PBL) Berorientasi Analogi Fokus Aksi Refleksi (FAR) Berbantu Media *eXe Learning* pada Materi Asam dan Basa di SMA. Program Pascasarjana Universitas Negeri Medan, 2017.

Penelitian ini bertujuan untuk mengetahui: 1)Perbedaan pengaruh model PBL berorientasi analogi FAR berbantu media *eXe learning* dan model DI berbantu media *eXe learning* terhadap hasil belajar siswa; 2)Perbedaan hasil belajar terhadap motivasi belajar tinggi dan rendah siswa yang dibelajarkan dengan model PBL berorientasi analogi FAR berbantu media *eXe learning* dan model DI berbantu media *eXe learning*; 3)Interaksi antara model pembelajaran dengan motivasi belajar terhadap hasil belajar siswa; 4)Hubungan antara motivasi belajar dengan hasil belajar siswa. Populasi dalam penelitian ini adalah seluruh siswa kelas XI MIA di SMAN 2 dan SMAN 3 Medan Tahun Ajaran 2016/2017. Teknik pengambilan sampel adalah *purposive sampling*. Sampel penelitian terdiri dari dua sekolah yaitu SMAN 2 dan SMAN 3 Medan masing-masing sebanyak 2 kelas. Instrumen penelitian berupa tes objektif hasil belajar yang valid dan reliabel, lembar angket motivasi belajar siswa. Teknik analisis yang digunakan teknik *Two Way Anova* dan uji *Correlation* pada program SPSS 24. Hasil penelitian disimpulkan bahwa: 1)Terdapat perbedaan pengaruh model PBL berorientasi analogi FAR berbantu media *eXe learning* dan model DI berbantu media *eXe learning* terhadap hasil belajar siswa. 2)Terdapat perbedaan pengaruh tingkat kemampuan motivasi belajar tinggi dan rendah siswa yang dibelajarkan dengan model PBL berorientasi Analogi FAR dengan media *eXe learning* dan model DI berbantu media *eXe learning* terhadap hasil belajar siswa. 3)Terdapat interaksi antara kedua model pembelajaran dengan kemampuan motivasi belajar terhadap hasil belajar siswa. 4)Terdapat hubungan atau pengaruh antara motivasi belajar siswa yang dibelajarkan dengan model PBL berorientasi analogi FAR terhadap hasil belajar kimia siswa sebesar 33,4%.

Kata Kunci: *Problem Based Learning* (PBL), *Analogi Fokus Aksi Refleksi* (FAR), *Motivasi Belajar*, *Hasil Belajar*, *Asam dan Basa*.

ABSTRACT

Muhammad Baidhawi: The effects of Problem Based Learning (PBL) Oriented Focus Action Reflection (FAR) Analogy with media eXe Learning on Acid and Base material. Thesis. Postgraduate University of Medan, 2017.

The purpose of this research are: 1) Differences in the effect of the model PBL oriented FAR analogy with media eXe learning and model of DI with media eXe learning on student learning outcomes; 2) differences in the effect of the level of learning motivation of high and low students that learned with the model of PBL oriented FAR analogy with media eXe learning and model of DI with media eXe learning on student learning outcomes; 3) the interaction between the two models with the learning motivation about student learning outcomes; and 4) the relationship between learning motivation with student learning outcomes. The study population was all high school students of class XI IPA in SMAN 2 and 3 Medan of the 2016/2017 academic year. The sampling technique is purposive sampling. This sample is two schools in SMAN 2 and 3 Medan each consisting of 2 classes. The research instruments in the form of objective test results to learn that valid and reliable, Observation Sheet of Learning Motivation. Technique of analysis used two Way Anova and correlation test in SPSS 24. The results of the study concluded that: 1) differences in the effect of the model PBL oriented FAR analogy with media eXe learning and model of DI with media eXe learning on student learning outcomes 2) differences in the effect of the level of learning motivation of high and low students that learned with the model of PBL oriented FAR analogy with media eXe learning and model of DI with media eXe learning on student learning outcomes 3) There is interaction between the two models with the learning motivation about student learning outcomes and 4) there is a relations or affect between students learning motivation tought with PBL oriented FAR analogy and students achievement as 33,4%.

Keywords: *Problem Based Learning (PBL), Focus Action Reflection (FAR) Analogy, Learning Motivation, Study Achievement, Acid and Base.*

