

ABSTRAK

ILFAN. Pengaruh Model Problem Based Learning Berbasis Kolaboratif Dengan Menggunakan Media Microsoft Frontpage Terhadap Motivasi Belajar Dan Hasil Belajar Siswa Pada Materi Koloid. Program Pascasarjana Universitas Negeri Medan. 2016.

Penelitian ini bertujuan untuk (1) Mengetahui pengaruh model Problem Based Learning berbasis kolaboratif dengan menggunakan media Microsoft Frontpage terhadap motivasi belajar siswa. (2) Mengetahui pengaruh model Problem Based Learning berbasis kolaboratif dengan menggunakan media Microsoft Frontpage terhadap hasil belajar siswa. Populasi dalam penelitian adalah semua siswa kelas XI di SMK Negeri Taman Fajar Peureulak terdiri dari 5 kelas tahun ajaran 2015/ 2016. Teknik pengambilan sampel adalah purposive sampling. Sampel penelitian dalam ini diambil dua kelas, kelas eksperimen yaitu kelas yang diajarkan dengan menggunakan model problem based learning berbasis kolaboratif dengan menggunakan media microsoft frontpage yaitu kelas XI-1 dan kelas kontrol yang diajarkan dengan menggunakan model pembelajaran ekspositori yaitu kelas XI-2 dengan jumlah sampel 80 siswa. Instrumen penelitian ini berupa tes hasil belajar dan angket motivasi belajar. Telah dilakukan uji persyaratan berupa uji normalitas dan homogenitas, yang diperoleh hasil bahwa data normal dan homogen. Teknik analisa data dilakukan dengan Independent Samples Test. Hasil penelitian menunjukkan bahwa: (1) Rata-rata nilai motivasi kelas eksperimen yang dibelajarkan dengan model Problem Based Learning berbasis kolaboratif dengan media Microsoft Frontpage lebih tinggi yaitu = 93, dibandingkan kelas kontrol yang diajarkan dengan model pembelajaran ekspositori yang rata-rata nilai = 91,32.(2) Hasil belajar siswa yang dibelajarkan dengan model Problem Based Learning berbasis kolaboratif dengan media Microsoft Frontpage menunjukkan harga signifikan sebesar 0,039 sehingga $0,039 < \alpha (0,05)$ dan $t_{hitung} (2,097 > 1,997)$ yang berarti Ada pengaruh model Problem Based Learning berbasis kolaboratif dengan menggunakan media Microsoft Frontpage terhadap hasil belajar siswa sehingga H_a diterima.

Kata Kunci : Problem Based Learning, Kolaboratif, Microsoft Frontpage, Koloid

ABSTRACT

ILFAN. The Effects of Problem Based Learning Model Based Collaborative using Microsoft Frontpage Media towards Motivation Learning and Students Achievement at Colloid Topic. Postgraduate Program of the State University of Medan. 2016.

The purpose of this research are (1) to know the effect of Problem Based Learning model based collaborative using Microsoft Frontpage media towards students motivation, (2) to know the effect of Problem Based Learning model based collaborative using Microsoft Frontpage media towards students achievement. The population in this research is all of eleventh grade students in SMK Negeri Taman Fajar Peureulak consists of five classes academic year 2015/2016. The sampling technique is purposive sampling. The research sample in this study were taken two classes, the experiment class is eleventh grade class-one using problem based learning model based collaborative using microsoft frontpage media and the control class is eleventh grade class-two using expository learning model with 80 students as sample. The instrument of this research is test result of learning and learning motivation questionnaire. Test result have been conducted in the form requirements of normality and homogeneity test, which showed that the normal data and homogeneous. Data analysis technique is done by Independent Samples Test. The results showed that: (1) the average value of motivation experimental class that learned with Problem Based Learning model based collaborative using Microsoft Frontpage media higher is 93, compared than to the average value of motivation control class that learned with expository model is 91,32; (2) the results of students learning that learned with Problem based learning model based collaborative using Microsoft Frontpage media showed significant amounted to $0,039 < \alpha (0,05)$ and $t_{count} (2,097 > 1,997)$ which means that there is the influence of the Problem Based Learning model based collaborative using Microsoft Frontpage media on student learning outcomes so that H_a accepted.

KeyWords: Problem Based Learning, Collaborative, Microsoft Frontpage, Colloid