

ABSTRAK

Emmi Juwita Siregar.NIM 8126141004.Analisis Hasil Belajar Kimia dan Rasa Ingin Tahu Serta Kreatifitas Siswa yang di Hasilkan Melalui Pembelajaran Dengan Model Pembelajaran Berbasis Masalah yang Menggunakan Media Kom puter Pada Materi Koloid.Tesis. Program Studi Pendidikan Kimia Pascasarjana Universitas Negeri Medan.2014.

Penelitian ini bertujuan untuk pengaruh PBL terhadap hasil belajar kimia, karakter rasa ingin tahu, dan karakter kreatifitas siswa pada materi koloid. Penelitian ini di laksanakan di SMA swasta Sinar Husni Labuhan Deli. Sampel penelitian terdiri dari 2 kelas yang masing- masing terdiri 38 orang siswa (kelas IX IPA 1 dan IX IPA 2). Instrumen untuk mengukur hasil belajar digunakan pilihan berganda dan untuk mengetahui karakter rasa ingin tahu dan karakter kreatifitas siswa digunakan angket. Data dianalisis dengan menggunakan regresi linier dan uji paired sample T-Test dengan SPSS Versi 17.0 pada taraf signifikan $\alpha = 0,05$. Hasil penelitian menunjukkan bahwa (1) Terdapat pengaruh rasa ingin tahu siswa yang dihasilkan melalui pembelajaran dengan model PBL yang menggunakan media komputer terhadap hasil belajar kimia, (2) Terdapat pengaruh kreatifitas siswa yang dihasilkan melalui pembelajaran dengan model PBL yang menggunakan media komputer terhadap hasil belajar kimia, (3) Terdapat perbedaan hasil belajar kimia siswa secara signifikan diantara yang diajar melalui pembelajaran dengan model PBL yang menggunakan media komputer di bandingkan pembelajaran langsung.

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ABSTRACT

Emmi Juwita Siregar.NIM 8126141004.Application of learning Model Problem Based Learning (PBL) With Computer Based Media To Improve Learning Outcomes Chemistry and Character Curiosity Student Achievement and Creativity Character On Colloid Matter Content. Tesis. Chemistry Education Studies Graduate Program, State University of Medan.2014.

This study aims to determine the learning model to improve learning outcomes chemistry, curiosity character, and the character of the achievement of students on colloid matter content. This research was conducted at the high school in to Sinar Husni Labuhan Deli. The samples were two class (the class IX IPA 1 and IX IPA 2) are twenty eight of people students. Research instrument in the form of multiple -choice questions and a test instrument in the form of a questionnaire to know the characters curiosity students achievement and creativity character students. Analysis using test regresi linier by paired sample T- test with SPSS 17.0 for windows at significance level $\alpha = 0,05$. The results showed that (1) There is a the influence of the student's curiosity generated through learning with problem -based learning (PBL) model that uses computer media on learning outcomes chemistry, (2) There is a the effect of student creativity generated through learning with problem -based learning (PBL) model that uses computer media the learning outcomes of chemistry, (3) There is a differences in learning outcomes chemistry students taught through learning with problem -based learning (PBL) model that uses computer media and direct instruction.

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