

ABSTRAK

SUKARTO KARO-KARO, “Pengaruh Pembelajaran Berbasis Masalah dengan Menggunakan Peta Pikiran Terhadap Kemampuan Berpikir Kreatif dan Hasil Belajar Siswa SMP Methodist Sekotamadya Medan pada Materi Ekosistem”. Tesis.Medan. Program Studi pendidikan Biologi Pasca Sarjana Universitas Negeri Medan, 2017

Kualitas pendidikan Indonesia perlu mendapat perhatian yang sangat serius karena masih dalam tingkat yang rendah. Upaya yang dilakukan dengan menerapkan suatu inovasi pembelajaran di bidang pendidikan. Berdasarkan observasi yang dilakukan disekolah Methodist, pembelajaran Biologi masih belum secara maksimal menggunakan model pembelajaran bervariasi. Tujuan penelitian ini adalah untuk memperoleh gambaran tentang pengaruh aplikasi media Peta pikiran pada model pembelajaran berbasis masalah terhadap berpikir kreatif siswa dan hasil belajar. Jenis penelitian *Quasi Eksperimental Design* dengan pola pre dan post test design. Populasi penelitian ini adalah seluruh siswa sekolah Methodist sekota madya medan yaitu siswa kelas VII SMP yang memiliki Akreditasi Sekolah A,yaitu SMP Methodist 1 Medan, SMP Methodist 5 Medan dan SMP Methodist 6 Medan Tahun Ajaran 2016/2017 yang berjumlah masing-masing minimal 3 kelas. Pengambilan sampel dilakukan dengan cara *Purposive Sampling*. Analisa data yang digunakan *uji t independen* dan *uji pearson*. Hasil penelitian menunjukkan ada pengaruh penggunaan model pembelajaran berbasis masalah bermediakan peta pikiran terhadap hasil belajar siswa dengan $p= 0,000 < 0,05$, ada pengaruh penggunaan model Pembelajaran Berbasis Masalah bermediakan peta pikiran terhadap berpikir kreatif siswa dengan $p= 0,000 < 0,05$, ada hubungan antara berpikir kreatif siswa dengan hasil belajar siswa yang dibelajarkan dengan model pembelajaran berbasis masalah bermediakan peta pikiran dengan $p=0,000 < 0,05$. Disarankan para guru untuk dapat merancang instrument atau strategi, model, metode, maupun media pembelajaran yang dapat melibatkan siswa secara aktif dalam belajar.

Kata Kunci : Pembelajaran Berbasis Masalah. Peta Pikiran, Hasil Belajar, Berpikir kreatif

ABSTRACT

SUKARTO KARO-KARO. The Effects of Problem Based Learning with Mind Mapping to Enhance Students' Creative Thinking Skill and Learning Outcomes Students of Methodist Junior High Schools all over Medan. Biology Education Study Program Postgraduate State University of Medan 2017.

The quality of Indonesia's education need to obtain a very serious attention because its level tends to be decreasing. An effort to be done is by applying the learning innovation on education. Based on the observation to be conducted at Methodist Junior High Schools, the learning of Biology had not still applied the variation of learning models yet. This study aimed to give a wide description about the effects of Problem-Based Learning (PBL) with mind mapping on students' creative thinking skills and learning outcomes. This study was a quasi-experimental design with the pre- and post-test design. The population of this study were the whole students of Methodist Junior High Schools all over Medan, that were the seventh graders with an accreditation of A, namely SMP Methodist 1 Medan, SMP Methodist 5 Medan and SMP Methodist 6 Medan Academic Year 2016/2017 in total of 3 classes each. The sample withdrawal was conducted using purposive sampling technique. The data analysis which was used by an independent t-test and Pearson test. The result showed that there were the effects of Problem-Based Learning with mind mapping on students' learning outcomes where $p = 0,000 < 0,05$, there were the effects of Problem-Based Learning with mind mapping on students' creative thinking skills where $p = 0,000 < 0,05$, there were the relationships between students' creative thinking skills and learning outcomes taught by Problem-Based Learning with mind mapping where $p = 0,000 < 0,05$. The teachers were suggested to be able to design and plan either the learning instruments or strategies, learning models, methods or media that can involve students more actively in the process of teaching and learning.

Keywords: Problem-Based Learning, Mind Mapping, Creative Thinking Skills, Learning Outcomes