

ABSTRAK

Laily Noor Afniandari. 2018. Pengaruh model pembelajaran *Missouri Mathematics Project* terhadap pemahaman konsep matematika dan sikap mandiri siswa kelas III SDN Gebangsari 02 Semarang, *Skripsi*. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sultan Agung. Pembimbing I: Rida Fironika K., S.Pd., M.Pd., Pembimbing II: Nuhyal Ulia, S.Pd., M.Pd.

Pengaruh model pembelajaran *Missouri Mathematics Project* terhadap pemahaman konsep matematika dan sikap mandiri siswa kelas III SDN Gebangsari 02 Semarang. Pemahaman konsep matematika siswa secara umum masih tergolong rendah, diperlukan suatu model pembelajaran yang dapat meningkatkan kemampuan pemahaman konsep matematika. Model pembelajaran *Missouri Mathematics Project* merupakan suatu model pembelajaran yang memberikan latihan-latihan kepada siswa secara terstruktur, sehingga diharapkan dapat tercapainya pembelajaran sesuai dengan tujuan yang diharapkan. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Missouri Mathematics project* terhadap pemahaman konsep matematika dan sikap mandiri siswa kelas III SDN Gebangsari 02 Semarang. Kelas sampel diberikan soal tes pemahaman konsep matematika. Data yang diperoleh dianalisis uji hipotesis I dengan menggunakan uji regresi dan uji hipotesis II dengan menggunakan uji determinasi. Hasil analisis data akhir diperoleh kesimpulan bahwa: (1) ada pengaruh sikap mandiri pada model pembelajaran *Missouri Mathematics project* terhadap pemahaman konsep matematika dengan konstanta pemahaman konsep matematika sebesar 51,622, maka kenaikan pemahaman konsep sebesar 0,371.(2) terdapat 14,3% pengaruh sikap mandiri pada model pembelajaran *Missouri Mathematics project* terhadap pemahaman konsep matematika siswa, dan 85,7% lainnya dipengaruhi oleh faktor lain. Dengan begitu sangat dianjurkan menggunakan model pembelajaran *Missouri Mathematics Project* untuk memperbaiki pemahaman konsep dan sikap mandiri siswa.

Kata Kunci: Pengaruh, Model *Missouri Mathematics project*, Pemahaman konsep, Sikap Mandiri

ABSTRACT

Laily Noor Afniandari. 2018. Influence of learning model of Missouri Mathematics Project toward understanding mathematics concept and independent attitude of third grade student of SDN Gebangsari 02 Semarang, Thesis. Primary School Teacher Education Study Program. Faculty of Teacher Training and Education, University of Sultan Agung. Counselor I: Rida Fironika K., S.Pd., M.Pd., Second Counselor: Nuhyal Ulia, S.Pd., M.Pd.

The influence of the learning model of the Missouri Mathematics Project on the understanding of mathematical concepts and the independent attitude of third grade students of SDN Gebangsari 02 Semarang. Understanding the concept of mathematics students in general is still relatively low, required a model of learning that can improve the ability of understanding the concept of mathematics. The learning model of the Missouri Mathematics Project is a learning model that provides students with structured exercises, so it is expected to achieve learning in accordance with the expected objectives. This study aims to determine the effect of the learning model of the Missouri Mathematics project on the understanding of mathematical concepts and independent attitudes of grade III students SDN Gebangsari 02 Semarang. The sample class is given a matter of understanding mathematical concepts. The data obtained were analyzed hypothesis test I by using regression test and hypothesis test II by using test of determination. The result of final data analysis concluded that: (1) there is influence of independent attitude in learning model of Missouri Mathematics project toward understanding of mathematics concept with constant understanding of mathematical concept equal to 51,622, hence increase of concept comprehension equal to 0,371.2 (2) there is 14,3% independent of the learning model of the Missouri Mathematics project on students' mathematical concepts, and 85.7% are influenced by other factors. It is strongly recommended to use the learning model of Missouri Mathematics Project to improve students' conceptual understanding and self-reliance.

Keywords: Influence, Missouri Mathematics project model, conceptual understanding, Self-esteem