

ABSTRAK

Nicky Anriani Saragih, NIM 4171111036 (2021). Studi Literatur: Peningkatan Kemampuan Pemahaman Konsep Matematis Siswa Melalui Model Pembelajaran *Problem Based Learning* (PBL).

Penelitian ini bertujuan untuk menganalisis beberapa artikel untuk mengetahui peningkatan kemampuan pemahaman konsep matematis siswa melalui model pembelajaran *problem based learning*. Penelitian ini dilaksanakan di Digital Library Universitas Negeri Medan. Metode penelitian yang digunakan adalah Studi Kepustakaan (*Library Research*). Teknik Pengumpulan data melalui dokumentasi diperoleh dari lima artikel jurnal yang relevan dengan topic kemampuan pemahaman konsep matematis siswa dengan model pembelajaran *problem based learning*. Hasil analisis penelitian menunjukkan terdapat peningkatan kemampuan pemahaman konsep matematis siswa menggunakan model pembelajaran *problem based learning*. Hal ini dipengaruhi oleh beberapa faktor, yaitu: peran guru sebagai fasilitator, partisipasi aktif siswa, serta bahan ajar yang di desain sesuai dengan model pembelajaran *problem based learning*. Hasil penelitian mengimplikasikan bahwa model *problem based learning* membantu siswa dalam menguasai konsep-konsep yang dipelajari guna memecahkan masalah dunia nyata, memahami pengetahuan baru yang diperolehnya, meningkatkan motivasi belajar dan aktivitas pembelajaran siswa.

Kata Kunci: Studi Kepustakaan (*Library Research*), Model Pembelajaran *Problem Based Learning*, Kemampuan Pemahaman Konsep.



ABSTRACT

Nicky Anriani Saragih, NIM 4171111036 (2021). Literature Study: Improving Students' Ability to Understand Mathematical Concepts Through Problem Based Learning (PBL) Models.

This study aims to analyze several articles to determine the improvement of students' mathematical concept understanding skills through problem based learning learning models. This research was conducted at the Digital Library of Medan State University. The research method used is Library Research. Techniques for collecting data through documentation were obtained from five journal articles relevant to the topic of students' mathematical concept understanding abilities with problem based learning models. The results of the research analysis showed that there was an increase in the ability to understand students' mathematical concepts using the problem based learning model. This is influenced by several factors, namely: the role of the teacher as a facilitator, active participation of students, and teaching materials designed in accordance with the problem based learning model. The results of the study imply that the problem based learning model helps students in mastering the concepts learned in order to solve real-world problems, understand the new knowledge they have acquired, increase learning motivation and student learning activities.

Keywords: Library Research, Problem Based Learning Model, Concept Understanding Ability.

