

ABSTRAK

Halomoan Sitorus (4153311014) Studi Literatur Penerapan Model pembejaran problem based learning untuk meningkatkan kemampuan pemecahan masalah matematis siswa.

Terdapat sumber yang mengatakan model pembelajaran problem based learning dapat meningkatkan kemampuan pemecahan masalah matematika siswa, dengan demikian penelitian ini bertujuan untuk melihat proses peningkatan kemampuan pemecahan masalah matematika siswa tersebut. Penelitian ini adalah penelitian dengan studi literatur, dimana dengan mengumpulkan literatur – literatur yang berhubungan dengan peningkatan kemampuan pemecahan masalah matematika siswa. Dalam penelitian yang dilakukan sumber data, beberapa sumber data menggunakan satu kelas sebagai objek penelitiannya. Beberapa penelitian yang dilakukan sumber data ada yang hanya dua siklus dan ada yang sampai tiga siklus. Perbedaan siklus tersebut dikarenakan jumlah siswa dan minat siswa terhadap pembelajaran matematika yang memungkinkan model pembelajaran problem based learning kurang berjalan dengan baik. Namun hasil penelitian yang dilakukan oleh sumber data menunjukkan peningkatan terhadap kemampuan pemecahan masalah matematikasiswa.

Berdasarkan hasil tinjauan dari sumber data disimpulkan peningkatan kemampuan pemecahan masalah matematika siswa dapat meningkat dengan menerapkan model pembelajaran problem based learning.

Kata Kunci : Studi literatur, Kemampuan pemecahan masalah matematika siswa, Model pembelajaran problem based learning.

ABSTRACT

Halomoan Sitorus (4153311014) Study of Literature on the Application of problem-based learning models to improve students' mathematical problem-solving skills.

There are sources who say the problem-based learning model can improve students' mathematical problem-solving abilities, thus this research aims to look at the process of increasing students' mathematical problem-solving abilities. This research is a study of literature, whereby collecting literature related to improving students' mathematical problem solving skills. In research conducted by data sources, several data sources use one class as their research object. Several studies were conducted with data sources, some were only two cycles and some were up to three cycles. The difference in these cycles is due to the number of students and students' interest in learning mathematics which allows the problem based learning model to not work well. However, the results of research conducted by data sources showed an increase in students' mathematical problem solving abilities. Based on the results of a review of data sources, it was concluded that an increase in students' mathematical problem solving abilities could be increased by applying the problem based learning model.

Keywords: Literature study, students' mathematical problem solving ability, problem based learning model.

