

ABSTRACT

Rafina Maulida (2021), *Analysis of Mathematical Problem Solving Ability and Self-Efficacy Junior High school students through Model Problem-based Learning*

This research is motivated by the low mathematical problem solving ability of junior high school students, and one of the affective aspects is self-efficacy that must be owned by students during the mathematics learning process. One of the learning models that can develop and facilitate to improve mathematical problem solving skills and self-efficacy students are models problem-based learning. This is because the model problem-based learning oriented towards real problems in everyday life to be solved by students in developing thinking skills, problem solving skills, social skills, skills for independent study, and building or acquiring new knowledge. The purpose of this study was to analyze the mathematical problem solving abilities of junior high school students in implementing the model problem based learning; analyze self-efficacy junior high school students in the implementation of the model problem-based learning; and analyze the effectiveness of the model problem-based learning on the mathematical problem solving ability of junior high school students. This study uses a qualitative research approach with the type of literature study research (library research). Data was collected by collecting literature related to the research variables as many as 35 articles and then classified and analyzed. Based on the results of data analysis, it can be concluded as follows. 1) The mathematical problem solving ability of junior high school students who get learning by model problem-based learning better than students who get conventional learning. 2) Self-Efficacy junior high school students who get learning by model problem-based learning better than students who get conventional learning. 3) Mode lproblem-based learning proven effective in improving the mathematical problem solving ability of junior high school students.

Keywords: *Mathematical Problem Solving Ability, Self-Efficacy, Model Problem Based Learning.*