

## ABSTRACT

Syaikha Maulana. (2022). *Improving Mathematical Creative Thinking Ability and Self-Regulated Learning of Junior High School Students Through Problem-Based Learning Model Assisted by Google Classroom*

*This research aims to: (1) Knowing the improvement of mathematical creative thinking ability of students who get the model Problem-Based Learning assisted by Google Classroom higher than students who get the conventional model; (2) Knowing the Self-Regulated learning of students who get the model Problem-Based Learning assisted by Google Classroom better than students who get the conventional model; (3) Knowing that there is a positive correlation between of mathematical creative thinking ability of students who get the model Problem-Based Learning assisted by Google Classroom. The method used in this research is a quasi-experimental method with research design non-equivalent control group design, the research sample consisted of 2 classes. Obtained class VIII I as a experimental class that received learning by model Problem-Based Learning assisted by Google Classroom and class VIII H as a control class that received a conventional learning model. The instrument used in this study is a matter of a description of the test of mathematical creative thinking ability and Self-Regulated learning scale. The collected data is then processed using software IBM SPSS 26.0 for Windows 10. The results of the research show that: (1) The mathematical creative thinking ability of students who get the model Problem-Based Learning assisted by Google Classroom higher than students who get the conventional model; (2) The Self-Regulated learning of students who get the model Problem-Based Learning assisted by Google Classroom better than students who get the conventional model; (3) There is a positive correlation between of mathematical creative thinking ability of students who get the model Problem-Based Learning assisted by Google Classroom*

**Keywords:** *Problem-Based Learning, Google Classroom, Mathematical creative thinking, Self-Regulated Learning.*