

ABSTRACT

Nofiani, Sarah (2020). *Analysis of The Creative Problem Solving Learning Model Implementation (CPS) In an Effort to Improve Mathematical Problem Solving Skills.*

This research is against the backdrop of the importance of students mathematical problem solving skills. Problem solving skills are the processes used to resolve problems. Every problem of course requires a different solution, one of them is through solving mathematical problems. One of the factors that can improve students mathematical problem solving abilities is the creative problem solving (CPS) learning model. But in reality the students mathematical problem solving abilities are still categorized as low. This is because difficulties in story problems make students have difficulty working on a problem. So by using the creative problem solving (CPS) learning model in their learning activities, it teaches students to be more active and able to develop students creativity in solving a problem. The objectives of the study are: 1) to know the concept of mathematical problem-solving skills; 2) to analyse the concept of Creative Problem Solving (CPS) model; 3) to analyse the implementation of learning model Creative Problem Solving (CPS) in improving the ability of mathematical problem solving skills. This study uses literature studies or libraries with qualitative methods. Data collection is done using editing methods, organizing, and finding. Analyze data using deductive methods, inductive methods and interpretive methods. The results showed that the implementation of the Creative Problem Solving (CPS) learning model could improve the mathematical problem solving skills. Through creative problem solving (CPS) learning models, student-centered learning activities. This states for solving mathematical problems by providing opportunities for students to be able to find solutions to solve problem. This aims for students to be able to solve problems independently, then the students mathematical problem solving abilities will develop.

Keyword: *Creative Problem Solving (CPS), mathematical problem solving ability.*