

ABSTRACT

Siti Romlah. Influence Learning Model Search, Solve, Create, and Share (SSCS) towards increasing the capacity in Mathematical Problem Solving Junior High School Students.

Mathematical problem solving ability of students is still low. Efforts to improve students' mathematical problem solving ability is the selection and implementation of appropriate learning models. One model of learning that can improve mathematical problem solving ability is learning model Search, Solve, Create, and Share (SSCS). The purpose of this study are: (1) to determine whether the increase in mathematical problem solving ability of students to use learning models Search, Solve, Create, and Share (SSCS) is better than students who use the usual learning model. (2) to assess students' attitudes toward learning model Search, Solve, Create, and Share (SSCS). This research was conducted in the form of quasi-experimental methods. This study population is students of class VII SMP 6 Pasundan Bandung academic year 2015/2016 with the subject rectangles and triangles. The instrument used in this study is the test instrument mathematical problem-solving ability and scale of student attitudes. Based on the analysis of the results showed that: (1) increase the mathematical problem solving ability of students to use learning models Search, Solve, Create, and Share (SSCS) is better than students who use the usual learning model. (2) positive student attitudes toward learning model Search, Solve, Create, and Share (SSCS). Conclusions from this research is the SSCS effective learning model is applied to the mathematical problem solving ability of students of class VII SMP 6 Pasundan Bandung. Advice given researchers namely: (1) when implementing SSCS learning models need to be considered active students; and (2) when the end of the lesson you should examined the tasks that students in groups.

Keywords: Mathematical Problem Solving Ability, Learning Model Search, Solve, Create, and Share (SSCS).