

## ABSTRACT

### **The Effect Of The Learning Model *Search, Solve, Create, and Share* On Improving The Understanding Of Mathematical Middle School Student.**

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Mathematic is a science that support a wide variety of fields of study. Because of that, math is very influential in the development of science and technology. The understanding is one of the basic competencies in the side of reasoning, problem solving, and communication skills. The understanding of math in Indonesia is still lower than other countries, so that the necessary innovation to develop the understanding of mathematical. The study aims to : 1.) knowing whether an increase in the understanding of math students who use the learning model *Search, Solve, Create, and Share (SSCS)* better than using the conventional model. 2.) to determine the attitude of student to the learning *Search, Solve, Create, and Share (SSCS)* model. The method used in this research is method with a population of all students in grade VII school of 3 Cileunyi the district of Bandung in the 2015/2016. While the sampel chosen two classes of the population are random. The instrument used in this research is in the form of the test the understanding of the test type description and the attitude scale of the Likert scale. Based on the trial, the instrument worth it to research. Analysis of data carried out by using t-test through the *SPSS 23.0 for Windows* is using *Independent Sample T-Test*. From this research the conclusions are : 1.) the ability of the understanding mathematic skill student who are of *Search, Solve, Create, and Share (SSCS)* model better than students who use conventional model. 2.) the student positive about learning math using the learning *Search, Solve, Create, and Share (SSCS)* model.

**The key word : understanding mathematical skill, Learning *Search, Solve, Create, and Share (SSCS)* Model.**