ABSTRACT

Dina Fitriani Ashri (2018), "The Effect of *Treffinger* Model on Improving the Ability of Mathematical Creative Thinking and *Self-confidence* of Junior High School Students".

Treffinger is one of the few models that deal with creativity issues directly and provides practical advice on how to achieve integration. The purposes of this research are: (1) To know the improvement of mathematical creative ability among students who obtained learning with *Treffinger* model and students who obtained expository learning. (2) To know the increases of *Self-confidence* between students who received learning and *Treffinger* model with students who received learning expository. (3) To know there is a positive correlation between mathematical creative ability and *Self-confidence* of students who acquired the *Treffinger* learning model. This research used experimental method with design "Pretest-Posttest Control Group". The population is all students of seventh grade class at 2 Katapang Junior High School. The samples consisted of two classes selected at random. The instrument used are the test of mathematical creative thinking ability and *Self-confidence* scale questionnaire. The test used is a subjective type of test (description). How to analyze data is with SPSS 17.0 for Windows Software. The results of this research are: (1) Improving the ability of mathematical creative thinking of students who received *Treffinger* learning is better than students who received expository learning model. (2) Improved *Self-confidence* of students who receive *Treffinger* learning is better than students who received expository learning model. (3) There is no correlation between mathematical creative ability and *Self-confidence* of students who acquired the *Treffinger* learning model. From these conclusions, the authors suggest teachers try to apply the *Treffinger* learning model as an alternative to improve the ability to think creative mathematically and *Self-confidence* in learning mathematics.

Keywords: *Treffinger* Learning Model, Mathematical Creative Thinking, *Self-confidence*.