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.