

The Effect of Treffinger's Learning Model on Students' Mathematical Creative Thinking Ability

This study aims to find out whether there is a difference in the average score of mathematical creative thinking ability of students in the experimental class who use the treffinger learning model with the control class that uses conventional learning at SMPN 4 Narmada. In addition, to determine the influence of the treffinger learning model on the mathematical creative thinking ability of grade VIII students of SMPN 4 Narmada. The method used is an experimental method. The samples used in this study are students of class VIII A as an experimental class and students of class VIII B as a control class. The instruments used were in the form of creative thinking skills tests and observation sheets of student and teacher activities. The data analysis used was in the form of a normality test using the Liliefors test, a homogeneity test using the Fisher test and a t-test with an independent sample t-test. The results of data analysis with the t-test showed a value of $t_{hitung} > t_{tabel}$. The result of this study is that there is a significant difference in the average score of creative thinking ability of students in the experimental class who use the treffinger learning model and the control class that uses the conventional learning model. This shows that students' mathematics learning with the treffinger learning model has an influence on students' mathematical creative thinking ability.

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