

ABSTRACT

Wilda Nur Sofia. (2018). Improving the Creative Thinking and Junior Student Self-Confidence Skills through Mathematics Learning with Differentiated Intructions Approach.

The ability to think creatively is one form of thinking ability that must be owned by everyone including students in teaching and learning activities. But in reality the students' thinking ability in Indonesia is low, the low ability of creative thinking is indicated to have implication on the low of student achievement. One of the student's barriers to creative thinking is lack of confidence. One alternative is learning Differentiated Instruction. Self-confidence can also be developed by making learning tailored to their interests and learning styles, and this is in line with learning that can improve the ability to think creatively is the Differentiated Instruction approach. 1) to find out whether there is an increase in the ability of mathematical creative thinking using Differentiated Instruction approach 2) to find out whether the students' mathematical creative thinking ability using Differentiated Instruction approach is better than students using cortional learning 3) to find out whether there is a correlation between self-confidence with the ability to think creatively mathematically with Differentiated Instruction approach. The method of this research is the experimental method and the design of the pretest-postes control group. Population in this research is student of class VIII SMPN 3 Sukabumi. From the test results it is found that all test questions are feasible to use and the scale of self-confidence. Based on the analysis using SPSS 17.0. for data data, the conclusion: 1) there is improvement of the ability of mathematical creative thinking with learning using Differentiated Instruction approach, 2) The ability of mathematical creative thinking of class of Differentiated Instruction is better than class using conventional learning, 3) No correlation of anatar capability think creatively mathematically and self-confidence students using the Differentiated Instruction approach.

Keywords: Differentiated Instruction, Creative thinking ability Mathematically, self-confidence