ABSTRACT

Habibi Nugraha (2019) **. *The Influence of the Formulate-Share-listen-Create (FSLC) Model on the Improvement of Mathematical Problem Solving and Disposition Abilities of Junior High School.***

One of the causes of the low mathematics scores is because of the low mathematical problem solving ability and mathematical disposition in students. As well as the less precisely the model of learning that are used make less effective the process of learning so that not infrequently will affect the outcome of learning as well as objectives of learning are not reached. As an alternative model of learning that is expected to optimize the ability of that is a model of learning Formulate-Share-listen-Create (FSLC). Goal of research it is to determine whether an increase in the ability of solving problems of mathematics students who obtain a model of learning FSLC much higher than the students who obtain a model of learning conventional whether achievement of disposition of mathematical students who obtain a model of learning FSLC much better than the students who obtain a model of learning conventional is there a positive correlation between the ability to solve mathematical problems with mathematical disposition. Methods in research this is the method of quasi- experimental because the subject is not classified as random, but investigators received a state subject potluck. The subjects in this study were VII grade students of SMP Muhammadiyah 3 Bandung with the object of the influence of the FSLC learning model on the problem solving abilities and students' mathematical disposition. The instruments in this study were in the form of a mathematical disposition test and questionnaire. Based on the analysis of data, obtained the conclusion that: 1) The achievement and increase the ability of solving problems mathematically students who acquire learning FSLC much higher than students who acquire learning is conventional. 2) Disposition Mathematically students who acquire learning FSLC much better than students who acquire learning is conventional. 3) There is a positive correlation between mathematical problem solving abilities and mathematical disposition in students who obtain FSLC learning with very high correlation categories.

Keywords : *Solving Problems Mathematically, Disposition Mathematically, Formulate-Share-listen-Create*