

## **ABSTRACT**

**Kenthari Akbarani Syaepudin. (125050064). The Influence of Experiential Learning Model toward Mathematical Creative Thinking Abilities of Students.**

Mathematics is one of the subjects very important for students. Because it can help the students' ability in logically, analytical, systematic, critical, cooperative, and creative. However, focus and attention on efforts to improve creative thinking in mathematics rarely developed. So the capacity to think creatively is less developed well. One effort to develop the ability of creative thinking students is to create learning that is meaningful and fun, so involving learning students optimally. Experiential learning model is supposed to give an influence toward mathematical creative thinking abilities of students. This research has a purpose to know whether mathematical creative thinking abilities of students who use experiential learning model is better than the students who use conventional learning. Furthermore, this research is expected to know are the students show a positive attitude toward experiential learning model, and to know is there any positive correlation between mathematical creative thinking with the students' attitude. This research uses experiment method. Population of this research is 8th grade student SMP Pasundan 2 Cimahi. Sample of this research is VIII-G and VIII-H. Instrument used in this research is a test of mathematical creative thinking and attitude scale questionnaire. The test which is used is a subjective test. The result of the research is mathematical creative thinking abilities of students who use experiential learning model is better than the students who use conventional learning model, the students' attitude toward mathematics learning with experiential learning is positive, and there is a positive correlation between mathematical creative thinking abilities of students with their attitude. Therefore, experiential learning model can be an alternative for teacher in learning process which is more fun and meaningful.

**Keywords: Experiential Learning, Mathematical Creative Thinking**