

ABSTRACT

VARMITA SARI DEWI (125050104) , " Effect of Learning Mathematical Model Using Model Learning Reciprocal Teaching Creative Thinking Ability Of Mathematical High School Students " . Thesis Department of Mathematics Education , the Faculty of Education , University of Pasundan Bandung , June 2016

The success of an education can be seen from the ability of creative thinking by the students, and can be seen from the change in attitude that is obtained after the learning process. One of the efforts to be made by teachers to improve students' ability to think creatively is to choose a learning model that corresponds to the objectives to be achieved. Learning model that can improve students' ability to think creatively is a learning model Reciprocal Teaching. This study aims to: 1) determine whether the mathematical creative thinking abilities of students who received study with Reciprocal Teaching learning model is better than the students who received conventional learning, 2) to find out how the students' attitudes toward learning model Reciprocal Teaching. This research method is experimental. The study population was a high school student Pasundan 8 Bandung and the sample are students of class XI SMA Pasundan 8 Bandung randomly selected. The instrument used was a test and attitude scale. The test used is a test of type descriptions. While the attitude scale using the Likert Scale which contains statements concerning student learning activities undertaken. From the analysis of the research data, we concluded: 1) the ability to think creatively mathematical learning by students who obtain Reciprocal Teaching learning model is better than students who received conventional learning, 2) students' positive attitudes towards learning by using a mathematical model of learning Reciprocal Teaching. The conclusion of this study is that the study of mathematics on the subject of the derivative function by using model Reciprocal Teaching affect the ability to think creatively mathematical high school students.

Key words : Creative Thinking Skills , Learning Reciprocal Teaching Model