

ABSTRACT

Dina Rayani (2017). Effect of Studying Mathematical using Relating Experiencing Applying Cooperating Transferring (REACT) Strategy to word the Junior High School Student Apability to Problem-Solving and Mathematical Self-Concept.

This research is studying about the effect of studying mathematical using REACT strategy to word the junior high school student apability to problem-solving and mathematical self-concept. The research is quasi experimental design with one design variable. The subject of this research are 30 people in the experimental class and 30 in the control class. The purpose of this research si to compare between the student who study using REACT strategy and the student who study mathematic using conventional mean. The instrument used in the research are written test about mathematical problem-solving and self-concept questionnaire. The result of the research showed that the student who studies using REACT strategy is better in problem-solving mathematical than the student who studies conventional mathematic and there is no significant difference between the student who studies REACT strategy and the student who studies in conventional mean in learning self-concept.

Keywords: *REACT strategy, mathematical problem-solving, mathematical self-concept*