

ABSTRACT

THE IMPLEMENTATION OF CONTEXTUAL LEARNING MODEL TO INCREASE THE ABILITY OF MATHEMATICAL REASONING AND STUDENTS'S SELF- CONFIDENCE

By

Muhamad Ade Rizki Fauzi

The problem of this research is increasing capability of mathematical reasoning and student's Self-Confidence who followed contextual learning better than student who followed conventional learning. The research aims to seek the increasing capability of mathematical reasoning and student's Self-Confidence who followed contextual learning compared by student who followed conventional learning. The research design which was used were pretest and posttest. The population of in this research was the whole of students in VIII grade level who was divided in ten classes. The sample of the research who was used the whole of student in class VIII G and VIII H who were taken by using purposive sampling technique. The research data was obtained. Through the ability test of mathematical reasoning and Self-Confidence questionnaire. Based on the data result, so the conclusion of this research is the increasing of student's mathematical reasoning ability who obtained contextual learning is better than conventional learning model, and also the increasing of student's Self-Confidence ability who obtained contextual learning is better than conventional learning model.

Keyword: Contextual Learning, Mathematical Reasoning, Self-Confidence