

ABSTRACT

Satriyo Primantoro. (2019). **Improved Connection Ability and Self-Efficacy Mathematically Through Model Eliciting Activities (MEAs) in Vocational Students.**

This research aims to: (1) know the achievement of increased mathematical connection ability of students who get learning Model Eliciting Activities (MEAs) higher than students who get conventional learning; (2) know the self-efficacy of students who get learning Model Eliciting Activities (MEAs) better than students who get conventional learning; (3) know the effectiveness of learning Model Eliciting Activities (MEAs) for mathematical connection ability. The method used in this study is a quasi-experimental method with an reasearch design of pretest-posttest control group. The population in this study was the tenth graders of the MVS ARS International Bandung. The research sample consisted of 2 classes. Obtained class X Accounting as an experimental class that received Model Eliciting Activities (MEAs) and Class X Office Administration 1 as a control class that received a conventional learning model. The instrument used in this study is a matter of a description of the test of mathematical connection ability and self-efficacy scale. The collected data is then processed using IBM SPSS 20.0 for Windows software. The results of the study show that: (1) the increase in mathematical connection ability of students who get learning Model Eliciting Activities (MEAs) is higher than students who get conventional learning; (2) the self-efficacy of students who get learning Model Eliciting Activities (MEAs) is better than students who get conventional learning; (3) learning with Model Eliciting Activities (MEAs) is effective to improve students' mathematical connection ability.

Keywords: Model Eliciting Activities (MEAs), Mathematical Connection Ability, Self-Efficacy