

ABSTRACT

Lita Septyawati. Improvement of Mathematical Problem Solving Ability of Junior High School Students with a Learning Model of Anchored Instruction

One of the lessons that must be contained in the curriculum of primary and secondary education namely mathematics. The ability problem solving is one of capability of being important in learning math and should be owned by school tuition. But mathematical solving abilities students apparently still low. One alternative learning that can enhance the ability of mathematical problem solving learning model is Anchored Instruction. This research aims to find out whether (1) Upgrade problem solving lesson that students use mathematical models of Anchored Instruction is better than students who use the learning Ekspositori; (2) Find out the attitude of the students acquire learning mathematics through a model of Anchored Instruction; (3) to find out if there is a positive correlation between the ability of the mathematical problem solving of students with attitude. According to the methods, this research is research experiment. Population in this research is all students class VII Junior High School pasundan 4 Bandung 2015-2016 academic year. As for the research sample is grade VII as much as two grades are selected randomly according to class. An instrument used in this research in the form of a test type description problem such as mathematical problem solving ability and attitude scale using Likert scale model. Scale attitude with statements about math, learning model Anchored Instruction, and problem solving mathematical. Data analyzed using test normality distribution, test of homogeneity two varians, and the similarity two rerata. From this research, obtained the following results: (1) Increased ability of the mathematical problem solving of students who obtain better Anchored Instruction learning significantly than students who acquire the learning model Ekspositori; (2) Students be positive on the use of learning model Anchored Instruction in learning mathematics; (3) There is no correlation between the problem posing mathematical and attitude students on class experiment. Hence learning model Anchored Instruction can be used an an alternative for the teachers in implementing to creat a learning active, effective aand fun.

Keyword: Problem solving mathematical, learning model Anchored Instruction