

ABSTRACT

Hibatul Azizi. (2016). Upgrading Concept Training Through Mathematical High School Students with Mathematics Learning Survey, Question, Read, Recite , Reflect , Review (SQ4R).

The purpose of this research is (1) to know the mathematical concept understanding improved skills students acquire Learning Survey, Question, Read, Recite, Reflect, and Review (SQ4R) as compared with ordinary learning model; (2) to find out the attitude of the students towards the application of the model of learning Survey, Question, Read, Recite, Reflect, and Review (SQ4R). According to his research, this is research experiments. The subject is a high school student and his research sample was grade X SMA PGRI 1 Bandung as much as two grades are selected randomly. The selected class is class X IIS 1 as an experimental class and IIS X 3 as the control class. Curriculum applied in SMA PGRI 1 Bandung is the curriculum in 2013. Instruments in this research in the form of a test of the ability of mathematical concept understanding as many as 5 reserved attitude scale and as many as 30 statement, consists of 15 statements positive and 15 negative statements. Test instruments consist of testing the validity, reliability, differentiated power, and the index of difficulty. Pretest and posttest data analysis of the experimental class and control class processed using IBM SPSS Statistics 23.0 program for windows. Based on the results of data analysis research, conclusion, namely: (1) increased ability of mathematical concept understanding students who obtain a model Learning Survey, Question, Read, Recite, Reflect, Review (SQ4R) better than students who acquire the learning model; (2) students to behave positively toward the application of model Learning Survey, Question, Read, Recite, Reflect, Review (SQ4R) in learning mathematics.

Keywords: Model of learning Survey, Question, Read, Recite, Reflect, Review (SQ4R) understanding of the Mathematical Concepts, capabilities, learning math, Ordinary Learning, attitude.