

Creative Learning Model's Effectiveness to Learning Skills of Junior High School Students

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ABSTRACT

This study aims to determine the effectiveness of creative learning model on learning science to learning skills of junior high school students. Effectiveness seen from the application of creative learning model on learning science to achievement of learning skills of junior high school students.

This research is a Quasi Experiment, with the research design of Nonequivalent Control Group Pretest Posttest Design. This research was conducted at State Junior High School in Yogyakarta with sample research population is experiment class and control class in several SMP Negeri in Yogyakarta. Sampling technique with cluster random sampling with prerequisite is done homogeneity and normality test first. The treatment was done intentionally and systematically toward the experimental class in the form of the application of creative learning model that is collaborative learning, Contextual Teaching Learning and Web Blog learning on science learning. While the classroom control is done by conventional learning, for both classes, it is seen how effectiveness towards student's learning skill is social skill, thinking skill and ICT skill. Techniques used to collect data in this research is the technique of measurement and direct observation. The data collection tool used is the test and the observation sheet. This observation sheet uses a scale of values and checks the symptoms. The test used in this study is a written test in the form of multiple choice. Before used the problem has been validated by using the validity of the content and tested the reliability of the data question of the two groups analyzed using t-test analysis techniques to see the difference between the experimental class and the class of control seen from learning skills, then seen effectiveness by using effect size to see how great influence of the implementation of creative learning model of learning skills of junior high school students in science learning. Creative learning model effective on the achievement of learning skills of junior high school students by using the effective Contextual Teaching Learning model for the achievement of critical thinking with effect size 1.07, the effective collaborative learning model towards the achievement of social skills with effect size of 1.41, and the effective web blog learning to the achievement of ICT literacy with an effect size of 1.1 for define and integrated aspects and 0.9 for access, manage, evaluate, create, and communicate aspects, all of which are in high category.

Kata Kunci: *Effectiveness, creative learning model, learning skills*