ABSTRACT

Restu Wiguna K. 2023. ***IMPACT OF TREFFINGER MODELS WITH VIDEOSCRIBE FACTING CREATIVE THINKING FORCES IN THE MATTER OF GLOBAL WARMING***

This research is undermined by the students' low creative thinking skills on energy materials and renewable energy sources and as well as the lack of innovation in the use of learning models of physics. One of the solutions the researchers have made to solve the problem is to apply the Treffinger learning model with Videoscribe. The aim of this study is to find out the impact of the Trefinger model with videoscribe on creative thinking skills. The research method used is quasi experiment with research design nonequivalent control group design. The population of this study is all students of class X in the State High School 5 in the school year 2023/2024 of 12 classes. The sample of the research was taken using purposive sampling techniques of 2 classes, obtained class X-8 (37 people) as experimental class and class X-4 (37 persons) as control class. Students are given a pretest and a posttest in the form of seven questions on global warming material to measure students' creative thinking skills. The results of the hypothesis test using the t test at the level of significance (α=0,05) showed that $t_{count} > t_{table}$ is $2,17 > 1,67$ which means H_0 rejected and H_a accepted, so it can be concluded that the Treffinger model assisted by videoscribe had a significant influence on students' creative thinking skills on global warming material in class X of State High School 5 Lake in the 2023/2024 academic year.

Keywords: Treffinger model, Videoscribe, creative thinking skills, global warming.