

ABSTRACT

NENG TINTIN WILAYATUL UYUN. 2024. *The Influence of the Search Solve Create and Share (SSCS) Learning Model on Problem Solving Ability and Creative Thinking Ability on Environmental Change Material (Experimental Study in Class X of SMAN 1 Ciawi Tasikmalaya Academic Year 2023/2024)*. Thesis Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

This research aims to determine the effect of the Search Solve Create and Share (SSCS) learning model on students' problem solving abilities and creative thinking abilities in environmental change subjects in class X SMAN 1 Ciawi. This research uses a quantitative approach with the Quasi Experiment method. The population is all class X of SMAN 1 Ciawi Tasikmalaya for the 2023/2024 academic year. The sample consists of an experimental class and a control class determined based on purposive sampling techniques. The data collection technique was carried out through tests in the form of essay questions. Hypothesis testing in this research will use parametric statistical tests using the Ancova test. The results of the analysis using the Ancova test show a significance value of $0.00 < 0.05$. In terms of problem solving ability, the experimental class obtained a n-gain score of 0.68 in the medium category, while the control class obtained an n-gain score of 0.51 in the medium category. In terms of creative thinking ability, the experimental class obtained a n-gain score of 0.57 in the medium category, while the control class obtained an n-gain score of 0.42 in the medium category. So, it can be concluded that the search solve create and share (SSCS) learning model has a good effect on students' problem solving ability and creative thinking ability.

Keywords: *SSCS Learning, Problem Solving Ability, Creative Thinking Ability, Environmental Change*