

ABSTRACT

Gresia Palentina Hutagaol, NIM 4193342003 (2019) The Influence of Group Investigation Model on Students' Critical Thinking Ability and Environmental Care Attitude at Environmental Changes Topic in Class X SMA Negeri 1 Medan

This research aims to determine the effect of the Group Investigation (GI) model on students' critical thinking skills and environmental care attitudes in class X SMA Negeri 1 Medan. This research uses a type of quantitative research with a quasi-experimental research method using one experimental class and one control class by providing a pretest and posttest. The population used was all 9 class X high school students in Medan, using a random sampling technique obtained class X MIA7 as a control class with 33 students, and class X MIA9 with 31 students as an experimental class. The research results showed the percentage increase in critical thinking skills through N-gain with the experimental class being 52% in the medium category, and the control class being 32% in the low category. Meanwhile, for the attitude of caring for the environment, the class with GI learning has an average score of 157, students are in the (high category) and the class with the DI learning model has an average score of 144, students are in the (medium category). Based on the t test, it was found that: 1) the critical thinking skills of students with the GI model were better than the critical thinking skills of students with the DI model; and 2) the environmental care attitude of students using GI is better than the environmental care attitude of students using the DI model. So it can be concluded that there is an influence of group investigation (GI) on critical thinking skills and attitudes. caring for the environment in class X students of SMA Negeri 1 Medan.

Keywords: *Critical thinking skills, environmental care attitudes, investigative group learning (GI).*

