

ABSTRACT

ATHILLA MASARRAH. The Relationship Between Teacher Interpersonal Behavior and 10th grade 90 Jakarta Senior High School' Student Learning Interest on Environmental-Based Stoichiometry Material. Thesis. Jakarta: Chemistry Education Program, Faculty of Mathematics and Natural Sciences, State University of Jakarta, June, 2021.

This study aims to determine the relationship between teacher interpersonal behavior and 10th grade 90 Jakarta senior high school' student learning interest on environmental-based stoichiometry material. This research was conducted at 90 Jakarta Senior High School in the even semester of the 2020/2021 academic year with 132 research subjects of 10th grade Science students. This study uses a descriptive correlational method using a quantitative approach. The research instrument used was Questionnaire on Teacher Interaction (QTI) and a student learning interest questionnaire. The data analysis technique was carried out by testing the prerequisite analysis using the normality test and linearity test, then continued by testing the hypothesis. The results of the prerequisite test show that the distribution of data on the variables of teacher interpersonal behavior and student learning interest is normally distributed and the regression equation is $\hat{Y} = 2.584 + 0.370X$. The results showed $r_{\text{count}} > r_{\text{table}}$, where $r_{\text{count}} = 0.859$ and $r_{\text{table}} = 0.171$ and the results obtained $t_{\text{count}} > t_{\text{table}}$, where $t_{\text{count}} = 19.105$ and $t_{\text{table}} = 1.978$. The conclusion of this study is that there is a positive and significant relationship between the teacher's interpersonal behavior and the students' interest in learning on environmental-based stoichiometric material. The level of relationship between teacher interpersonal behavior and student learning interest in environment-based stoichiometry material is very strong as indicated by the correlation coefficient value of 0.859.

Keywords: Teacher' Interpersonal Behavior, Learning Interest, Stoichiometry, QTI