

ABSTRACT

Laboratory activities in science enhance students understanding, scientific practical skills, habit of minds and interest. The main objective of this study was to determine the level of knowledge, skills and attitude of Science, Technology and Engineering (STE) students in science laboratory procedures. The respondents of the study were the 154 randomly selected Science Technology and Engineering (STE) Junior High School students in one of the secondary schools in the province of Capiz, school year 2018-2019. The instruments used in gathering data were validated and the responses of the respondents were gathered and tabulated using SPSS. The data were analyzed using means for the descriptive analysis while Spearman's rho was used for inferential analysis. It was found out that the level of knowledge and skills of STE students in science laboratory procedures were average while their attitudes were favorable. There was a significant positive relationship between knowledge and attitude as well as knowledge and skills. Knowledge of STE students in science laboratory procedure is influenced by their skills and attitudes in conducting laboratory activities.

Keywords: Science Laboratory Procedures, Knowledge, Skills, and Attitude