

ABSTRACT

Muhammad Alfaraby, 4163342024 (2016) Analysis of The Implementation of Biology Practicum and It's Relationship With Higher Order Thinking Skills and Student Learning Outcomes of Class XI IPA SMA Negeri 3 Tanjungbalai

This study aims to find out whether the implementation of biology practicum has a relationship with higher-order thinking skills and learning outcomes of class XI IPA students of SMA Negeri 3 Tanjungbalai academic year 2021/2022. Samples were taken using a total sampling technique, namely all students of class XI IPA, totaling 137 students. The data collection instrument used was a questionnaire to analyze the practicum implementation, essay questions to analyze higher-order thinking skills and multiple choice questions to analyze student learning outcomes. The data were analyzed in a quantitative descriptive manner by presenting the answers of the respondents regarding the research on implementing practices, higher order thinking skills, and student learning outcomes. The results of this study indicate that the implementation of biology practicum is included in the good category with a percentage of 77%. Students' high-order thinking skills in biology learning are included in the good category with a percentage of 78%, and student learning outcomes in biology learning are included in the good category with a percentage of 76%. This also meets the KKM standard (Minimum Completeness Criteria).

Keywords: *Implementation of Practicum, High Order Thinking Skills, Students Learning Outcomes*