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USING LABORATORY-BASED ACTIVITES ON STUDENTS BEHAVIOR TOWARDS SCIENCE: A GUIDED INTERVENTION MATERIAL

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ABSTRACT

The primary goal of schools is to facilitate teaching and learning through appropriate facilities. Students' attitudes toward x science impact their performance, influencing their interest in pursuing science-related careers. The K to 12 Basic Education Program in the Philippines aims to equip learners with 21st-century skills. However, Filipino students struggle in Mathematics, Reading, and Science, with insufficient laboratory facilities affecting their science education. Researchers highlight the importance of laboratory-based activities in improving students' behavior towards science, addressing the need for enhanced learning experiences. This study utilized the descriptive quantitative method of research to determine of using laboratory based-activities on students' behavior toward Science: A guided intervention material. The respondents of the study were one hundred sixty – eight (168) grade 10 pupils were the respondents. The following are the results of the study: Majority of the respondents were age of 16 with 153 or 91.07 percent and most of the respondents were females with 98 respondents or 58.33 percent. The perceptions of the respondents agreed on using laboratory-based activities on student's behavior towards Science on terms of student's prior education, teachers influence, educational setting and influence of the school administration. There is no significant difference on the perceptions of the respondents in using laboratory-based activities on xi student's behavior towards Science when profile is considered. The learning activity sheets were designed by the researcher based on the results of the study.

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