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UTILIZING AUTHENTIC LEARNING PRACTICES ON PROBLEM-SOLVING SKILLS TOWARD SCIENCE EDUCATION

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ABSTRACT

Science education is the teaching and learning of science to school children, college students, or adults within the general public. The field of science education includes work in science content, science process (the scientific method), some social science, and some teaching pedagogy. At an introductory level, science is interaction x with others that teaches patience and perseverance. Authentic Learning Practices describe learning activities either carried out in real-world contexts or have a high transfer to a real-world setting. Original learning activities should have personal and cultural relevance. A study conducted in the Philippines shows that test scores in physics reveal satisfactory results but could be more outstanding. Also, the PISA result reveals that the Philippines ranked below average in mathematics and science. The researcher is now challenged by students' perceptions toward the subject. This perception can affect the problem-solving skills of the students toward science education. This study utilized the descriptive methods of research involving one hundred sixty- eight (168) Grade 10 students. The following are the results of the study: The majority of the respondents on their age 16 and most of them are female. Most monthly income of the respondents was 5,000. The respondents agree that collaborating with peers, navigating complex problems and solutions, and gathering information are use in utilizing authentic learning practices on problem-solving sheets. There is no significant difference in the xi assessment of the respondents on utilizing authentic learning practices on problem-solving sheets when the profile is considered. The researcher designs the Learning Activity sheets based on the study results.

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