

THE RELATIONSHIP BETWEEN STUDENT'S LEARNING STYLE AND THE BIOLOGY LEARNING OUTCOMES OF STUDENTS OF CLASS X MIPA AT SMA NEGERI 8 PADANG

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ESSENCE

Educators who know students' learning styles will understand the diversity of students' learning styles in receiving and processing information. Based on these internal and external factors, learning style is one of the causes of low learning outcomes. The success or failure of students can be seen from the learning outcomes obtained by students. Learning outcomes are abilities obtained by children after going through learning activities. In this case, one of the factors that influence student learning outcomes is learning style. This is reinforced by the opinion of Munif (2012) who said that the number of student failures in receiving information was due to the incompatibility of the teacher's teaching style with the student's learning style.

This study aims to determine how the learning styles of students in class X Mathematics and Natural Sciences at SMA Negeri 8 Padang and to determine the relationship between student learning styles and learning outcomes of students in class X Mathematics and Natural Sciences at SMA Negeri 8 Padang. This type of research is descriptive with quantitative research methods. The study was conducted at SMA Negeri 8 Padang with a population of 175 students of class X MIPA with a sample of 45 students. The sampling technique is simple random sampling, which is done randomly (pulling the lot). The data collection in this study used a questionnaire containing a statement of learning styles consisting of visual, auditory and kinesthetic learning styles using a Likert scale, and document scores for the Biology Mid-Semester Examination of students in the odd mid-semester exams for the 2021/2022 academic year.

The results of the Pearson product moment correlation test were obtained at 0.30 correlation coefficient on student learning styles, meaning that there was a relationship between student learning styles and biology learning outcomes for students of class X MIPA at SMA Negeri 8 Padang. The results of the t-test showed that the t-count of learning styles was 2.048 indicating that there was a significant relationship. The result of the coefficient of determination of learning style is 55%, this means that learning style (X) contributes to students' biology learning outcomes (Y).

Keywords:

learning styles, biology learning outcomes