



UNIVERSITI TEKNOLOGI MARA

THE STUDENTS' LEARNING STYLE
CONTRIBUTES TO THEIR PERFORMANCE IN
MATHEMATICS:
A CASE STUDY AMONG FORM TWO STUDENTS
IN SMK SEBAUH, BINTULU, SARAWAK

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ABSTRACT

This study was conducted to identify the preference of learning style among Form Two students, to determine the differences of learning style between genders and to determine the relationship between learning style and the achievement in Mathematics. 40 students were selected randomly from four classes as the respondents in this study. A set of questionnaire which has two parts; Part A and Part B was designed for demographic factors on respondent's profile and the types of learning style preference respectively which consists of 10 items each. The student achievement was based on the respondent's exam result which is referring to First Term Exam and Mid-Term Exam. The data was processed by using Microsoft Excel. Based on the findings the most preferred learning style among the students is auditory learning style. Some of them prefer to use more than one learning style. There is a relationship between learning style and the achievement in exam.

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CHAPTER 1

INTRODUCTION

1.0. Introduction

A student learning style is different from one style to another according to preference of students respectively. Different learning style arises from the nature of the difference between the individual and the unique values appearing in the students in acquiring knowledge. Therefore, the teacher should be able to provide the variety of teaching method that suitable to the student's ability in order to make sure the students understand the lesson thought.

Tengku Kassim and Md Yusoff (2006) stated that through learning styles, teachers have the opportunity to identify the strengths and the weaknesses of each student. The statement was also supported by Tengku Zainal (2009). All the teachers should identify the way the students learn, which is associated with learning style, interests and abilities, attitudes and beliefs and learning problems faced.

Mohamad and Hashim (2010) stated the learning style as a way of learning and it also can be attributed to the way a student learns to understand a lesson that he has learnt. The student's learning style can be identified through the behaviour of student during the learning process.

Dunn and Dunn (2000) refer learning style as a way of concentrating the individual to understand and remember new information or skills. According to Mohamad and Hashim (2010) learning style is a consistent behaviour which may reflect underlying matters of learning.