



**THE FACTORS THAT CONTRIBUTE TO THE POOR ACHIEVEMENT IN
MULTIPLICATION. A CASE STUDY AMONG YEAR 3 PUPILS IN SEKOLAH
KEBANGSAAN TABUAN JAYA, KUCHING SARAWAK**

NORHAYATI BINTI BUJNG

2011580173

ABSTRACT

The main objective of this study was to investigate the effect of Year 3 pupils achievement in multiplication. A research was conducted at SK Tabuan Jaya, Kuching, Sarawak with 28 pupils and 5 teachers. From the result, lack of references contribute much in poor achievement in multiplication among Year 3 pupils in SK Tabuan Jaya, Kuching, Sarawak. Result of the interview with teachers also found that drill test is the best method to improve poor achievements in multiplication among Year 3 pupils in SK Tabuan Jaya, Kuching, Sarawak. 80% of the teachers agree that drill test will improve the students' memory of multiplication table. The repetition methods or known as drill, is very seful to improve math skills of student. In summary, this research also hope that teachers can be more innovative in teaching methods in improving great achievement in multiplication among respondents.

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CHAPTER ONE

INTRODUCTION

1.0 Introduction

Mathematics is an important subject in school curriculum due to being the natural universal language of human culture. In daily activities, people apply mathematics all the time, for example in constructing buildings for stability, making calculations to design a car, developing medicines and painkillers, or even making machines like watches to determine time. Indeed, mathematics is developed into various fields like engineering, sciences, computer system, biology and so on. Due to this, students compulsorily study mathematics, especially from the basic operation in primary school level until advanced mathematics at the university level. The government is working hard to develop and increase the quality of education through various education policies and long-term plan like Teaching and Learning of Science and Mathematics in English (PPSMI), Standard Curriculum for Primary Schools (KSSR), Education Development Plan (MECC) and others planning.

However, a majority of students in Malaysia are still unable to master mathematics. The results from TIMSS (Trends in International Mathematics and Science Study) and PISA (Programme for International Student Assessment) also proved that Mathematics achievements among students is getting worse. The curriculum of mathematics is always changing due to modernization, and this causes the government to undergo some changes especially the teaching