



UNIVERSITI TEKNOLOGI MARA

**THE EFFECTIVENESS OF USING MULTIPLICATION
TABLE TO MASTER BASIC FACT OF MULTIPLICATION
AMONG YEAR 5 PUPILS OF SK KPG SENARI, KUCHING**

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ABSTRACT

This study aimed to identify the difficulties in memorizing basic fact of multiplication and the effectiveness of using multiplication table to improve pupils' performances. The respondents comprised of 18 pupils Year 5 selected from SK Kpg Senari, Petra Jaya, Kuching, Sarawak. The sampling method is using census. This research used a pre test and post test. The research also used individual interview to identify the difficulties in memorizing multiplication table. The pupils took the pre test before the treatment and post test after the 4 week interventions. The finding shows that the results are increasing from 38.9% in pre test compare to 72.2% in the post test. It shows that the usage of multiplication table if practice consistently can help pupils to master the basic fact of multiplication and improve their performances in mathematics.

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CHAPTER 1

INTRODUCTION

1.0 Introduction

Mathematics is an important subject to be learned. Learning mathematics is very essential for any nation in the world. Mathematics reveal hidden pattern that help people understand the world's surrounding. Mathematics not only learning about arithmetic, it also about diverse discipline deal with data, measurement and observation from science, deduction, proof and with mathematical model of natural phenomena of human behavior and system. Mathematics is science of pattern and it's relying on logic rather than observation.

Learning mathematics in primary school is based on pupils' experiences and their previous knowledge. Pupils will learn from the very basic concept and skill to abstract. In this case the difficulties arise among pupils in memorizing the basic fact of multiplication. Therefore this study will focuses on the way to solve this memorizing weaknesses among pupils in memorizing and mastering this skills.

Multiplication is one of the four basic operations of elementary Mathematics and its commonly known as repeated addition. Some mathematicians rather classify the multiplication as scaling of any number by another or as the process by which the product of numbers is computed. Somehow, is an essential skill to pupils preparing for life of the 21st century in the world full of mathematics. It is an important tools in solving real life problem and build a solid basis for proportional reasoning, algebraic thinking and higher level mathematic (Lynn West, 2011). In this situation, the most