



**UNIVERSITI TEKNOLOGI MARA**

**THE EFFECTIVENESS OF USING MULTIPLICATION  
TABLE IN SOLVING APPLICATION OF  
MULTIPLICATION PROBLEM AMONG YEAR 3  
PUPILS IN SEKOLAH KEBANGSAAN LAKSAMANA,  
KUCHING.**

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## **ABSTRACT**

*Mathematics is an integral in the development of science and technology. Thus, this study was conducted to identify the common errors in solving application of multiplication problem among pupils Year 3 of SK Laksamana, Kuching and to examine the effectiveness of using multiplication tables in solving application of multiplication problem skills. The researcher also reviewed the problems that existed when the method is applied in solving problems involving multiplication. In this research, there are 22 respondents are involved while all of Year 3 pupils. The instruments used in this study are Pre-Test and Post Test. The data collections were analyzed descriptively. The finding was showed that from the Post Test data analysis indicate that 82% (18) pupils passed the test. The result showed that the new method or strategy was successful in solving application of multiplication problem and encourage learners for more memorable in multiplication facts. Therefore, hopefully this method will able to transform pupil's achievement in multiplication and become one of the best strategy to improve, to help, to remediate to overcome their poor performance in Mathematics generally.*

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# CHAPTER 1

## INTRODUCTION

### 1.0 Background Of The Study

Mathematics is practically used in our everyday life and one of the most important subjects that undergo this new paradigm. The application of Mathematics is very subtle in our everyday use. We use the figures and formulas to calculate, in our business, problem solving and various other purposes. Thus, applying multiplication demands our mental strength to remember and there is no doubt need technique. With the advancement in technology, Malaysia has to make a new paradigm in the educational system. Hence, the new integrated skill has been introduced to meet this need. Starting year 2011, the new curriculum known as KSSR or Kurikulum Standard Sekolah Rendah is replacing the KBSR or Kurikulum Bersepadu Sekolah Rendah whereby all the subjects have been taken into account. The primary school mathematics curriculum has been designed to provide opportunities for pupils to acquire mathematical knowledge and skills, and develop the higher order problem solving and decision making skills that they can apply in their everyday life.

Therefore, pupils needed to master the basic operations of mathematics such as addition, subtraction, multiplication and division. The aim of the primary school mathematics curriculum is to develop pupils' understanding of number concepts and their basic skills in computation that they can apply in their daily routines effectively and responsibility in keeping with aspirations of a build society and nation, and at the same time to use this knowledge to further their studies..