

**MATHEMATICS YEARLY PLAN ( YEAR ONE )**

| WEEK | TOPIC/LEARNING AREAS                             | LEARNING OBJECTIVES / LEARNING OUTCOMES                                                                                                                                                                                                                                                                                                                          | REMARKS |
|------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|      | <b>1. WHOLE NUMBERS</b>                          |                                                                                                                                                                                                                                                                                                                                                                  |         |
|      | <b>1.1 Numbers 0 to 10</b>                       | <b>1.1.1 Say and use the number names in familiar contexts.</b><br>i. Say the number names 1 to 9.<br>ii. Recognise numerals 1 to 9.<br>iii. Count a group of objects 1 to 9.                                                                                                                                                                                    |         |
|      |                                                  | <b>1.1.2 Read and write numbers form 1 to 9.</b><br>i. Write numerals 1 to 9.<br>ii. Read number words one to nine.<br>iii. Write number words one to nine.                                                                                                                                                                                                      |         |
|      |                                                  | <b>1.1.3 Say and use the number names in order.</b><br>i. Arrange numbers 1 to 9 :<br>a. Count on in ones.<br>b. Count back in ones.                                                                                                                                                                                                                             |         |
|      |                                                  | <b>1.1.4 Read and write numbers from 0 to 10.</b><br>i. Say the number names 0 and 10.<br>ii. Recognise 0 and 10 in counting.<br>iii. Count a group of objects to 10.<br>iv. Write numerals 0 and 10.<br>v. Read number words zero to ten.<br>vi. Write number words zero to ten.                                                                                |         |
|      |                                                  | <b>1.1.5 Understand and use the vocabulary of comparing and arranging numbers or quantities.</b><br>i. Arrange numbers from 0 to 10 :<br>a. Count on in ones.<br>b. Count back in ones.<br>c. Count on from a given number.<br>d. Count back to a given number.<br>ii. Compare two numbers and say which is more or less.<br>iii. Identify one more or one less. |         |
|      | <b>1.2 Addition With The Highest Total Of 10</b> | <b>1.2.1 Use the vocabulary involved in addition with the highest total of 10.</b><br>i. Find one more than a number from 1 to 9.                                                                                                                                                                                                                                |         |
|      |                                                  | <b>1.2.2 Understand addition as combining two groups of objects.</b><br>i. Find the total of two numbers.<br>ii. Write number sentences for addition.<br>iii. State all possible pairs of numbers that total up to a given number.                                                                                                                               |         |
|      | <b>1.2 Addition With The Highest Total Of 10</b> | <b>1.2.3 Use and apply knowledge of addition in real life.</b><br>i. Solve simple problems in real life.                                                                                                                                                                                                                                                         |         |
|      | <b>1.3 Subtraction Within The Range of 10</b>    | <b>1.3.1 Use the vocabulary involved in subtraction of numbers 0 to 10.</b><br>i. Find one less than a number.                                                                                                                                                                                                                                                   |         |
|      |                                                  | <b>1.3.2 Understand subtraction as "take away".</b><br>i. Write number sentences for subtraction.                                                                                                                                                                                                                                                                |         |
|      |                                                  | <b>1.3.3 Use and apply knowledge of subtraction in real life.</b><br>i. Solve simple problems in real life.                                                                                                                                                                                                                                                      |         |

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|  | <b>1.4 Numbers to 20</b>               | <b>1.4.1 Say and use the number names in familiar contexts.</b><br>i. Say the number names 11 to 20.<br>ii. Recognise numerals 11 to 20.<br>iii. Count a group of objects 11 to 20.                                                                                               |  |
|  |                                        | <b>1.4.2 Read and write numbers from 11 to 20.</b><br>i. Write numerals 11 to 20.<br>ii. Read number words eleven to twenty.<br>iii. Write number words eleven to twenty.                                                                                                         |  |
|  |                                        | <b>1.4.3 Know what each digit in a number represents.</b><br>i. Say what each digit in a number represents.                                                                                                                                                                       |  |
|  |                                        | <b>1.4.4 Say and use the number names in order.</b><br>i. Arrange numbers from 11 to 20 :<br>a. Count on in ones.<br>b. Count back in ones.<br>c. Count on from a given number.<br>d. Count back to a given number.                                                               |  |
|  | <b>1.5 Numbers to 100</b>              | <b>1.5.1 Say and use the number names in familiar contexts.</b><br>i. Say the number names to 100.<br>ii. Recognise numerals to 100.<br>iii. Count a group of objects to 100.                                                                                                     |  |
|  |                                        | <b>1.5.2 Read and write numbers to 100.</b><br>i. Write numerals to 100.<br>ii. Read number words to one hundred.<br>iii. Write number words to one hundred.                                                                                                                      |  |
|  | <b>1.5 Numbers to 100</b>              | <b>1.5.3 Say and use the number names in order.</b><br>i. Arrange numbers to 100 :<br>a. Count on in ones to 100.<br>b. Count back in ones from 100.<br>c. Count on in tens from 0.<br>d. Count back in tens from 100.<br>c. Count on and count back in tens from a given number. |  |
|  | <b>1.5 Numbers to 100</b>              | <b>1.5.4 Understand and use ordinal numbers in different contexts.</b><br>i. Say ordinal numbers from first to tenth.<br>ii. Use ordinal numbers in different contexts.                                                                                                           |  |
|  | <b>1.6 Addition Within Basic Facts</b> | <b>1.6.1 Use the vocabulary involved in addition within the basic facts.</b><br>i. Find one more than a number.                                                                                                                                                                   |  |
|  |                                        | <b>1.6.2 Understand addition as combining two groups of objects.</b><br>i. Find the total of two numbers.<br>ii. Write number sentences for addition.                                                                                                                             |  |
|  |                                        | <b>1.6.3 Know by heart basic facts of addition.</b><br>i. Recall rapidly basic facts of addition.                                                                                                                                                                                 |  |
|  |                                        | <b>1.6.4 Use and apply knowledge of addition in real life.</b><br>i. Solve simple problems in real life.                                                                                                                                                                          |  |

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|  | <b>1.7 Subtraction Within Basic facts</b>                                        | <b>1.7.1 Use the vocabulary involved in subtraction within basic facts.</b><br>i. Find one less than a number.                                                                                                                                                                                                                                                                            |  |
|  |                                                                                  | <b>1.7.2 Understand subtraction as "take away" or "difference" between two groups of objects.</b><br>i. Find the difference between two numbers.<br>ii. Write number sentences for subtraction.                                                                                                                                                                                           |  |
|  |                                                                                  | <b>1.7.3 Know bt heart basic facts of subtraction.</b><br>i. Recall rapidly basic facts of subtraction.<br>ii. State all possible pairs of numbers with the difference equals to a given number.<br>iii. Recall rapidly the difference of two numbers.                                                                                                                                    |  |
|  |                                                                                  | <b>1.7.4 Use and apply knowledge of subtraction in real life.</b><br>i. Solve simple problems in real life.                                                                                                                                                                                                                                                                               |  |
|  | <b>2 MONEY</b><br><br><b>2.1 Money to RM10</b>                                   | <b>2.1.1 Understand and use the vocabulary related to money.</b><br>i. Recognise coins and notes of Malaysian currency.<br>ii. Represent the value of money in 'RM' and 'sen'.<br>iii. Exchange<br>a. coins up to RM1 ; and<br>b. notes up to RM10.<br>iv. Add and subtract<br>a. coins up to RM1 ; and<br>b. notes up to RM10.<br>v. Solve simple problems involving money in real life. |  |
|  | <b>3 TIME</b><br><br><b>3.1 Introduction To Time</b>                             | <b>3.1.1 Understand and use the vocabulary related to time.</b><br>i. Say time of the day correctly.<br>ii. Say in sequence events of the day.<br>iii. Name the days of the week in sequence.<br>iv. Name the months of the year in sequence.<br>v. Read time to the hour on a clock.                                                                                                     |  |
|  | <b>4 SHAPE AND SPACE</b><br><br><b>4.1 Three-Dimensional Shapes (3-D Shapes)</b> | <b>4.1.1 Understand and use the vocabulary related to 3-D shapes.</b><br>i. Name solid shapes.                                                                                                                                                                                                                                                                                            |  |
|  |                                                                                  | <b>4.1.2 Describe classify common 3-D shapes.</b><br>i. Describe features of solid shapes.<br>ii. Sort solid shapes.<br>iii. Make models.                                                                                                                                                                                                                                                 |  |
|  | <b>4.2 Two-Dimensional Shapes (2-D Shapes)</b>                                   | <b>4.2.1 Understand and use the vocabulary related to 2-D shapes.</b><br>i. Name two-dimensional shapes.                                                                                                                                                                                                                                                                                  |  |
|  |                                                                                  | <b>4.2.2 Describe and classify common 2-D shapes.</b><br>i. Describe features of two-dimensional shapes.<br>ii. Sort two-dimensional shapes.<br>iii. Make designs with two-dimensional shapes.                                                                                                                                                                                            |  |