



## Grade 3 – 4

### Syllabus:

#### 1. Pattern

#### 2. Number

##### A. Representing Numbers

- i. Write as Numbers
- ii. Write in Words
- iii. Numbers in order
- iv. Even and Odd

##### B. Addition and Subtraction

##### C. Multiplication and Division

##### D. Fraction

#### 3. Data

- i. Data Tables
- ii. Picture Graph

#### 4. Shapes

- i. Rectangle
- ii. Square
- iii. Triangle
- iv. Parallelogram

#### 5. Measurement

- i. Time

## Grade 5 – 6

### Syllabus

#### 1. Number

- i. Write in Numbers
- ii. Write in Words
- iii. Factors and Multiples
- iv. Operation on Whole Numbers
- v. Comparison and Equivalence
- vi. Operations on Decimal

#### 2. Chance and Data

- i. Simple and Everyday Events
- ii. Picture Graph
- iii. Column Graph
- iv. Line Graph

#### 3. Algebra and Pattern

- i. Simple Geometric Pattern
- ii. Simple Number Pattern

#### 4. Measurement

- i. Length and Area
- ii. Mass and Time

#### 6. Shapes

- i. Rectangle
- ii. Square
- iii. Triangle
- iv. Parallelogram

## Grade 7 – 8

### Syllabus

#### 1. Number

- i. Number Group and Families
- ii. Directed Number
- iii. Fractions
- iv. Decimal and Percentage
- v. Ratio

#### 2. Algebra

- i. Representing Variables
- ii. Simplifying Expressions
- iii. Geometric Pattern
- iv. Number Pattern
- v. Graphing Pattern

#### 3. Data

- i. Representing Data
- ii. Graph
- iii. Mean, Median, Mode

#### 4. Measurement

- i. Perimeter and Circumference
- ii. Units and Measurement

#### 5. Space

## Grade 9 , 10 & O Level

### Syllabus:

1. Fractions
2. Percentage
3. Average
4. Ratio and Proportion
5. Number Series
6. Square root and Cube root
7. Profit and Loss
8. Problems Solving