



# SYLLABUS

**LEVEL 6**  
**TERM 1**

## Mathematics and Numeracy

- Knowing Our Numbers
  - Types Of Numbers
  - Indian and International System of Numeration
  - Face Value and Place Value
  - Comparison of Numbers
  - Measurements
  - Estimation
  - Brackets
  - Roman Numerals
- Whole Numbers
  - Successor and Predecessor
  - All operations on number line
- Properties of whole numbers
- Division Algorithm
- Patterns
- Playing with Numbers
  - Factors and Multiples and Their Properties
  - Types of Numbers
  - Sieve of Eratosthenes
  - Divisibility Test
  - LCM/HCF
  - Co-prime Numbers
  - Divisibility properties
  - Prime Factorization
  - Problem Solving

## Mathematics and Numeracy

- Basic Geometric Concepts
  - Point, Line and Line segment
  - Intersecting and Parallel Lines
  - Collinear Points
  - Concurrent Lines
  - Distance Between Two Parallel lines
  - Ray and its Properties
  - Plane, Open and Closed figures
  - Polygons, Angles, Triangles and Quadrilateral
  - Circle: Parts of Circle
  - Semicircular Region
  - Concentric Circle
- Understanding Elementary Shapes
  - Line Segment and their Comparison
  - Comparison and Magnitude of an angle
  - Special Angles
  - Types of Angles
  - Measuring angles Using Protractor
  - Perpendicular Lines
  - Classification of triangles
  - Types of Quadrilaterals
  - Three-Dimensional

## Mathematics and Numeracy

- Integers
  - Integers and Their Representation on a Number Line
  - Ordering of Integers
  - Absolute Value of an Integers
  - Addition and Subtraction of Integers on a Number Line
  - Addition and Subtraction of Integers without Number Line
  - Integers in daily life
  - problem Solving
- Fractions
  - Representation of Fractions on Number Line
  - Types Of Fractions
  - Converting a Mixed fraction into Improper fraction and vice versa
  - Equivalent Fractions
  - Simplest Form of a Fraction
  - Comparison of Fractions
  - Operations on Fractions
  - Problem Solving

## Mathematics and Numeracy

- Decimals
  - Tenths, Hundredths and Thousandths
  - Representation Of Decimals on a number line
  - Converting A Decimal into Fraction and vice versa
  - Decimals Places
  - Like and Unlike Decimals
  - Comparison of Decimals
  - Operations of Decimals
  - Decimals in Real Life

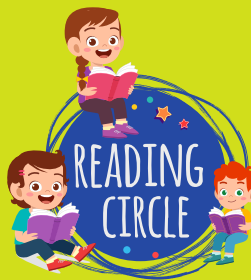


# C O U R S E S

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Enrichment  
Program**

Phonics, Grammar,  
Creative Writing,  
Vocabulary, Olympiads

1



Phonics &  
Phonemic Awareness,  
Reading,  
Comprehension Skills

2

**Math  
World**

Mathematics,  
General Knowledge,  
Analytical Reasoning,  
Critical Thinking,  
Olympiads

3



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5



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