

# SYLLABUS

**LEVEL 3**  
**TERM 1**

## Mathematics and Numeracy

- Abacus
  - Representation of numbers on the abacus
  - Addition and subtraction on the abacus
- Addition
- Addition facts
- Addition with and without carry-forward (4 digit numbers)
- Addition on the abacus
- Addition in expanded form
- Graphing and representing data
- Interpreting data for information
- Division
  - Introduction to division
  - Division by grouping and repeated subtraction
  - Division facts
  - Long division
  - Inverse relationships - multiplication and division
- Geometry
  - Identification of shapes
  - 2D vs 3D shapes
  - Movement of objects as per shape
  - Properties of shapes
  - Symmetry, tilings and tangrams
  - Dot grids and positions

## Mathematics and Numeracy

- Multiplication
  - Tables
  - Patterns in tables
  - Multiplying numbers
  - Multiplication facts
  - Multiplication on the number line
  - Multiplication of 2 and 3 digit
- Estimating products
- Numbers
  - Numbers upto 1,00,000
  - Comparing numbers
  - Arranging numbers
- Counting by 10s, 100s, 1000s
- Place value and face value
- Expanded and Standard forms
- Odd and even numbers
- Introduction of decimal numbers
- Skip counting
- Rounding off numbers
- Forming Numbers
- Ordinal Numbers
  - Counting in ordinal numbers
  - Positions and places

## Mathematics and Numeracy

- Roman Numerals
  - History and symbols of Roman numerals
  - Counting of Roman numerals
  - Reading and writing Roman numerals
- Subtraction
  - Subtraction on the number line
  - Subtraction with and without borrowing (4 digit numbers)
  - Subtraction on the abacus
  - Checking of subtraction problem
- Finding missing digits
- Estimation of differences

## Analytical Reasoning and Critical Thinking

- Alphanumeric Series
- Reasoning Analogies
- Artificial Language
- Blood Relations
- Calendars
- Cause and Effect
- Coding and Decoding
- Alphanumeric Problems
- Data Sufficiency
- Embedded Images
- Playing with Dice
- Statements and Conclusions
- Syllogisms
- Venn Diagrams
- Water Images
- Probability - An Introduction
- Maps and Directions
- Mirror Images
- Odd one out
- Pictures Series and Sequences
- Seating Arrangements
- Shape Constructions
- Statements and Assumptions
- Statements and Conclusions
- Syllogisms
- Venn Diagrams

## World Knowledge

- Fictional Books, Stories and Characters
- Famous Personalities
- Great Empires and Civilizations
- Geographical Features
- Mythological Stories and Characters
- Religions and Beliefs
- Safeguarding the Environment
- Space and the birth of the world
- Technological Growth
- Water Bodies
- Understanding Cultures and Traditions

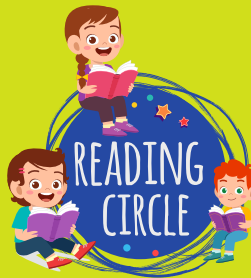


# C O U R S E S

**English  
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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