

# Syllabus

**LEVEL 4**

**TERM 1**

## Mathematics and Numeracy

- Data handling
  - Reading and interpreting pictographs, bar charts and pie charts
  - Representing data into pictographs, bar charts and pie charts
- Decimals
  - Writing decimal numbers
  - Word form of decimal numbers
  - Place value of decimal numbers
  - Expanded form and standard form of decimal numbers
- Fractions
  - Converting fractions into decimal numbers and vice versa numbers by 2-digit numbers
- Division
  - Division of 4-digit numbers by 2-digit numbers
  - Rules of divisibility
  - Creating division stories
  - Finding missing numbers
  - Problem solving

## Mathematics and Numeracy

- Fraction of a collection  
currency
- Addition and subtraction  
of fractions
- Multiplication and  
division of fractions
- Equivalent fractions
- Comparing and ordering  
fractions
- Converting improper  
fractions to mixed  
fractions and vice versa
- Converting into lowest  
terms
- Geometry and Symmetry
  - Circle and its parts
  - Draw the missing half
  - Identifying polygons  
and polygon types
  - Calculating the radius  
and diameter of circles
  - Drawing missing halves
  - Tessellation
- Measurement
  - Measure length
  - Drawing line segments
  - Finding estimated and  
actual products
  - Properties of  
multiplication

## Mathematics and Numeracy

- Problem solving
  - Multiples and factors
    - Finding LCM
    - Prime and composite numbers
    - Prime factorization
    - Finding GCF Numbers (5- digit, 6- digit)
    - Number sequence
    - Expanded and standard form
    - International number system
  - Estimation
  - Problem solving
  - Building numbers
  - Place value system
  - Comparing and ordering numbers
  - Roman numerals
  - Shapes and designs
  - Patterns
    - Predicting patterns
    - Cast out nine
    - Read the code
- Probability

## Analytical Reasoning and Critical Thinking

- Patterns
- Alphabet test
- Coding and decoding
- Ranking tests
- Mirror images
- Geometrical shapes and solid
- Directions and Spatial Awareness
- Days and dates
- Analogies and classification
- Odd one out
- Blood relations
- Playing with dice
- Data sufficiency
- Syllogisms
- Input and Output table

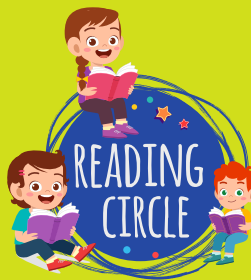


# C O U R S E S

**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



**JUNIOR  
CEOs**

Business Management  
Skills for Kids

4



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underprivileged kids

5



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