

# SYLLABUS

**LEVEL 5**  
**TERM 2**

## Mathematics and Numeracy

- Addition And Subtraction
  - Addition and subtraction of large numbers
  - Subtraction across zeroes
  - Find missing digits in addition and subtraction problems
  - Problem solving
- Multiplication And Division
  - Related vocabulary
  - Properties of multiplication and division
  - Patterns in multiplication
  - Multiplication and division of large numbers
- Tests of divisibility
- Problem solving
- Fractions
  - Convert mixed fraction to improper fraction and vice versa
  - Lowest term
  - Equivalent fraction
  - Compare and arrange fraction
  - Multiply and divide fractions
  - Add and subtract fractions
  - Problem solving

## Mathematics and Numeracy

- Time
  - 24-hour clock & 12-hour clock
- Shapes
  - Symmetry
  - Turns
  - Number patterns
  - Shape patterns
  - Slide, reflection
  - Net of 3D shapes
- Measurement
  - Conversion of units
  - Addition and subtraction of length, weight and capacity
  - Multiplication and division of length, mass and capacity
  - Problem solving
  - Convert 12-hour clock to 24-clock
  - Conversion between year, month, day, hour, minute and seconds
  - Calculate time duration
  - Temperature

## Mathematics and Numeracy

- Mensuration
  - Perimeter of regular and irregular shapes
  - Area of square, rectangle and triangle
  - Finding missing dimensions
  - Perimeter and area of composite figures
  - Area of path
  - Problem solving
- Algebra
  - Find the value of unknown quantity in an equation
  - Identify as monomial; binomial or polynomial
- Like terms, unlike terms
- Converting statements to algebraic expression and vice versa
- Data handling
  - Read and interpret pictographs, bar charts and pie charts
  - Represent data into pictographs, bar charts and pie charts
- Time, temperature and money
  - Addition, subtraction and multiplication of time

## Mathematics and Numeracy

- Reading time tables:  
Bus and Railway
- Word problems
- Temperature
- Money
- Bills
- Percentage
  - Converting percentage to fraction
  - Converting percentage to decimal
  - Converting fraction to percentage
  - Converting decimal to percentage
  - Percentage of a number or a quantity
- Perimeter, Area and Volume
  - Perimeter
  - Area
  - Finding area by formula
  - Perimeter and area
  - Volume
- Circle
  - Arc of a circle
  - Drawing a circle of the given radius
  - Measuring circumference of a circle
  - Relation between diameter and circumference

## Analytical Reasoning and Critical Thinking

- Patterns
- Analogy
- Mirror images
- Days and dates
- Probability theory
- Data sufficiency
- Playing with dice
- Odd one out
- Syllogisms

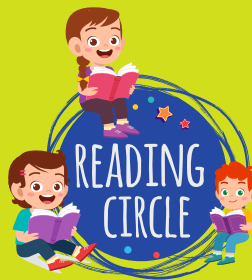


# C O U R S E S

**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



Free-of-cost program for  
underprivileged kids

5



[www.littlegeniusacademy.co.in](http://www.littlegeniusacademy.co.in)



LittleGeniusOnline

**SCHEDULE  
A FREE  
LEVEL TEST**



+91 70690 17999 | +91 70691 17999