

SYLLABUS

LEVEL 5
TERM 1

Mathematics and Numeracy

- Large Numbers
 - Number sequence
 - Number name
 - Indian and international place value system
 - Expanded form
 - Standard form
 - Predecessor, successor
 - Compare and order
 - Number pattern
 - Count in 100's, 1000's
 - Roman numeral
 - Estimation of large numbers
- 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

Mathematics and Numeracy

- Tests of divisibility
- Problem solving
- Factors and Multiples
 - Related vocabulary
 - Properties related to factors and multiples
 - Find factors and multiples
 - Find LCM and GCF
 - Factor tree method and long division method
 - Prime, co-prime, twin prime and composite numbers
 - 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
- Time
 - 24-hour clock & 12-hour clock
- Decimals

Mathematics and Numeracy

- Words to numerals and vice versa
- Place value
- Convert decimals into fractions and vice versa
- Compare and order
- Add and subtract decimals
- Multiply and divide decimals
- Convert percentage to fractions and vice versa
- Find percentage
- Ratio and proportion
- Compare ratios
- Shapes
 - Symmetry
 - Turns
 - Number patterns
 - Shape patterns
 - Slide, reflection
 - Net of 3D shapes
- Geometry
 - Identify ray, line and line segment
 - Draw line segment using ruler
 - Types of angles
 - Measure angles using protractor
 - Draw angles using protractor
 - Types of lines
 - Types of triangles

Mathematics and Numeracy

- Circle and its parts
- Calculate radius and diameter of a circle
- Draw circles with given radius
- Unitary method
 - 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
- Profit and loss and unitary method
- Lines, Angles and Triangles
 - Measuring angles using a protractor
 - Construction of angles using a protractor
 - Types of lines
 - Triangles

Analytical Reasoning and Critical Thinking

- Analogy
- Geometrical shapes
- Directions and spatial awareness
- Ranking and ordering
- Alphabets and coding
- Coding and decoding
- Days and dates
- Data sufficiency
- Odd one out
- Statement and conclusions
- Syllogisms
- Olympiad

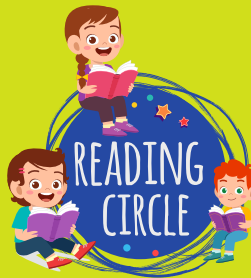


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Phonics, Grammar,
Creative Writing,
Vocabulary, Olympiads

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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