

## Competition Levels

Level-1	Level-2	Level-3	Level-4	Level-5	Level-6	Level-7
Quarter-1-Prelims	Quarter-1-Nationals	Quarter-2-Prelims	Quarter-2-Nationals	Quarter-3-Prelims	Quarter-3-Nationals	Jumbo Nationals

The qualifiers from each prelim can participate in the respective National Championship.

The participants of the Jumbo National Championship will be the qualifiers from the National Championships based on an average percentile of the four National Championships.

The prelims will comprise of written rounds. The National Championship and the Jumbo National Championship will have written and oral rounds

## Grade-3: Syllabus Spread

### Quarter -1 Prelims & National Championships

1. Fun with Numbers  
Numbers and Operations
  - a. Adding and subtracting within 1,000
  - b. Place value of ones, tens and hundreds
  - c. Rounding numbers to the nearest 10 or 100
  - d. Relationship between addition and subtraction
  - e. Repeated addition (multiplication)
  - f. Repeated subtraction (division)
  - g. Multiply and divide within 100
  - h. Arranging numbers up to 500 in ascending order and descending order.
  - i. Building smallest and largest three-digit numbers with and without repetition of given digits.
  - j. Successor and predecessor.
  - k. Playing with abacus (counting beads)
- Roman Numerals
  - a. Upto 400
  - b. Addition/subtraction/multiplication/division
2. Patterns
  - a. Numeric patterns
  - b. Alphabets patterns
  - c. Shapes and image pattern
3. Operations - Addition/ Subtraction/ Multiplication
  - a. Vertical and horizontal (operations)  
(word problems addition and subtraction and simple multiplication)
  - b. Multiplication and estimate
  - c. Divide and verify

### Quarter -2 Prelims & National Championship

Chapters for Quarter 1 Plus the following chapters:

4. Fractions- (shaded/ Unshaded)
  - a. Colouring the shaded/unshaded fractions
  - b. Concept of types of fraction, mixed numbers, comparing fractions, equivalent fractions, adding and subtracting fractions and fractions multiplied by a whole number.
  - c. Equalize Numerators/ denominators
  - d. Story sums
5. Measurements – Length /Weight/ Capacity
  - a. Estimating distance and length. Sorting objects based on their lengths and distinguishing between longer, shorter, near, far, thick, thin, high and low.
  - b. Comparing heavy and light objects.  
Understand the need for a simple balance and use it for comparing weights
  - c. Comparing containers in terms of volume and capacity. Arrange containers according to their capacity and verify
  - d. Addition and subtraction to equalize both sides LHS and RHS
  - e. Simple Conversions

6. Time
  - a. Reading 12hr/24 hr clock, time intervals, am & pm
  - b. Elapsed time
  - c. Knowing Calendar
  - d. Knowing the days and months
  - e. Converting units of time - Seconds, minutes, hours, days, weeks and years
  - f. Understanding the duration of long and short time intervals.
  - g. Time word problems
7. Data handling - Tally Marks & Bar Graph
  - a. Tally marks (identify and plotting)
  - b. Bar graph (reading the bar graph and answering)
  - c. Plotting the bar graph
  - d. Drawing conclusions from the data.
  - e. Pictograph

### Quarter -3 Prelims & National Championship

Chapters for Quarter 2 Plus the following chapters:

8. Money - (Bill & Currency)
  - a. Identifying Indian coins and notes (currency)
  - b. Reverse and Obverse sides of the coin
  - c. Putting together small amounts of money.
  - d. Adding and subtracting small amounts mentally.
    - Understand the transaction of an amount using 2-3 notes
    - Identify the rate of the object
    - Making a Bill
    - Comparison
9. Geometry
  - a. Fundamental understanding (2D/3D) Shapes
  - b. Knowing the 2D/3D shapes and its sides and their names
  - c. Drawing of 3D shapes with measurements
  - d. Area and perimeter of irregular shapes by counting squares
  - e. Area and perimeter of rectangles
  - f. Concepts – point, line and ray

10. Calender