

## Math Olympiad Syllabus Class 3

### Knowing numbers

- Numbers and their names ( upto 4 digits )
- Expanded form
- Comparing number ( upto 3 digits )
- Even and odd numbers
- Even and odd numbers on number line
- Skip counting puzzle
- Forming number (with and without repetition) from given information
- Ordinal numbers 1st to 100th
- Word problems

### Mixed operation

- Addition and subtraction of four digit numbers
- Multiplication and division and their properties
- Lattice multiplication
- Balance addition and subtraction equation of four digit numbers
- Finding the missing numbers in addition and subtraction sentences
- Complete the addition and subtraction sentences upto 3 digit numbers
- Multiplication of one digit number by two and three digit numbers : word problem.
- Word problem (addition , subtraction, multiplication, division)

### Fractions

- Like and unlike fractions
- Finding the fraction of shaded / unshaded part in the given figure
- Numerator and denominator concept in a fraction
- Arranging fractions in ascending and descending order
- Addition and subtraction of like and unlike fractions
- Word problems

### Money

- Identification of coins and notes
- Inequalities with money
- Money required / left after shopping activities
- Add and subtract money amount
- Word problems

#### Time

- Reading time by clock
- Telling and writing time using A.M and P.M
- Relation between years, months week, days, hours, minutes and seconds
- Measuring time spend in daily activities
- Elapsed time
- Word problems

#### Measurements (length, weight, capacity and temperature )

- Measuring length using ruler scale
- Measuring quantities in units
- Choosing reasonable temperature
- Measuring temperature on thermometer in degree celcius and fahrenheit
- Compare and conversion of metric units of length
- Word problem

#### Geometry

- Identifying the two dimensional and three dimensional
- Properties of two and three dimensional figures
- Counting and comparing sides and vertices
- Measuring the total length of the boundary of the two dimensional figures
- Finding the missing side length of rectangles, squares and triangles
- Word problem

#### Data Handling

- Solve the questions using given information/ data in pictographs/ picture graphs

- Count and create pictographs
- Solve the questions using the given bar graphs