

Math Olympiad Syllabus Class 2

Knowing numbers

- Numbers and their names (upto 3 digits)
- Expanded form
- Comparing number (upto 3 digits)
- Arranging numbers in ascending and descending order.
- Even and odd numbers
- Even and odd numbers on number line
- Skip counting
- Forming number (with and without repetition) from given information
- Word problems

Place values

- Place value hundreds
- Writing hundreds and tens upto 1000
- Identify the place values
- Word problems

Addition

- Addition of 2 and 3 digit numbers with/without regrouping
- Identification of correct addition sentences based on given information/ pictures.
- Balance addition equation of 2 and 3 digit numbers
- Addition of large quantity of same number using multiplication as repeated addition
- Identify missing number in number bond using addition
- Write the addition sentences to describe given figure
- Complete the addition sentences upto 3 digit numbers
- Addition word problem

Subtraction

- Subtraction of 2 and 3 digit numbers with/without regrouping

- Identification of correct subtraction sentences based on given information/ pictures.
- Balance subtraction equation of 2 and 3 digit numbers
- Identify missing number in number bond using subtraction
- Write the subtraction sentences to describe given figure
- Complete the subtraction sentences upto 3 digit numbers
- Subtraction word problem

Geometry

- Counting the vertices, edge and faces of geometrical figures
- Identification of shapes use to form solids
- Comparing vertices edge and faces
- Flip, turn and slide

Pictographs

- Identifying the correct tally chart
- Interpret the tally chart
- Answer the question based on the given in pictograph or picture graph

Measurements (length, weight, capacity and temperature)

- Measuring length, weight and capacity
- Measuring length, weight and capacity using their standard units.
- Compare the lengths and weights
- Measuring temperature on thermometer in degree celcius or fahrenheit
- Compare and conversion of metric units of length
- Word problems.

Time

- Meaning of hour hand, minute hand, second hand in clock
- Measuring the time
- Number of months in a year, number of weeks in a month, number of days in a week.
- Name of days in a week and months in a year
- Word problems

Money

- Using given currency to calculate the total money
- Calculating simple shopping money
- Word problems

Patterns

- Finding the next term and missing term in the number pattern
- Finding next figure, missing figure, repeating figure in the figure pattern
- Finding the next row in the growing pattern