



# Syllabus

# Math Circle

## Math Circle Basic

- Addition and Subtraction - An Introduction
- Cardinal Numbers
  - Numbers and number names
  - Count and match
  - Comparing numbers
  - Arranging numbers
- Abacus
  - Representation of numbers on the abacus
- Shapes
- Number Bond
- Number Line
  - Patterns on the number line
  - Solving problems on the number line
- Skip Counting
- Time
- Money



## Math Circle Intermediate

- Abacus
  - Representation of numbers on the abacus
- Cardinal Numbers
  - Numbers and number names
  - Count and match
  - Comparing numbers
  - Arranging numbers
- Expanded Forms
- Number Line
  - Patterns on the number line
  - Solving problems on the number line
- Skip Counting
- Subtraction
- Time
- Money
- Word Problems

## Math Circle Advanced

- Numbers
  - Numbers upto 1000
  - Comparing numbers
  - Arranging numbers
  - Place value and face value
  - Expanded and standard forms
  - Odd and even numbers
  - Skip counting
- Abacus
  - Representation of numbers on the abacus
  - Addition and subtraction on the
- Addition
  - Addition using a number line
  - Addition with and without carry-forward
  - Addition on the abacus
- Subtraction
  - Addition using a number line
  - Subtraction with and without borrowing
  - Subtraction on the abacus



# Math Circle Advanced

- Multiplication
  - Tables
  - Multiplying numbers
  - Multiplication facts
- Division
  - Introduction to division
  - Division facts
- Money
  - Currencies of the world
  - Forms of money
  - Denominations of Indian currency
  - Counting and using money
  - Comparing prices
- Time