MATHEMATICS YEAR-1

Numbers

- Match number words to numerals
- Identify ordinal numbers
- Count, order and write numbers 1-100
- Understand the concept of place value
- Understand "greater than" and "less than"
- Count and write by 2s, 5s and 10s

Addition and subtraction within 20

- Understand addition and subtraction concepts using concrete objects and pictorial representation
- Add and subtract two, one-digit numbers without using objects or pictures
- Add a two-digit number to a one- or two-digit number with no regrouping
- Making ten and decomposing ten
- Solve word problems with addition and subtraction

Basic Geometry

- Identify 2D solid figures like: circle, triangle, square and rectangle
- Identify 3D solid figures like: sphere, cube, cone, cylinder
- Relate plane figures to solid figures
- Classify and sort plane figures
- Creating and analyzing pattern

Data Analysis

- Collecting and organising data
- Complete and interpret simple picture graphs, bar graphs and tables
- Analyse data to answer questions

Measurement and Fraction

- Measure height and length with nonstandard units
- Determine more capacity or less capacity
- Identify equal parts of a region using halves, thirds and fourths
- Understand the meaning of "fraction"
- Identify one-half of an object

Time and Money

- Recognizing and using coins (penny, nickel, dime, quarter)
- Identify and interpret a calendar
- Tell and write time to the hour and half-hour using analog and digital clocks
- Order periods of time including days of the week and months of the year