Math 4

1. Numeration and Roman Numbers

- 1.1 Place, Face value and Place value
- 1.2 Numbers in expanded notation
- 1.3 Comparing numbers
- 1.4 Rounding off numbers
- 1.5 Hindu-Arabic numbers into Roman numbers and vice-versa

2. Addition and subtraction of 5-6 digit numbers

- 2.1 Properties of Addition
- 2.2 Subtraction and checking the answer

3. Multiplication and Division

- 3.1 Multiplication
- 3.2 Division
- 3.3 Multiplication & Division by Tens and Hundreds

4. Factors and Multiples

- 4.1 Factors
- 4.2 Even and Odd Numbers
- 4.3 Prime numbers and Composite Numbers
- 4.4 Prime Factorization
- 4.5 Understanding multiples
- 4.6 Common Factors and Common Multiples
- 4.7 Rules of Divisibility

5. Fractions

- 5.1 What is a fraction?
- 5.2 Types of Fractions and Conversion(Like and unlike fractions , mixed)
- 5.3 Equivalent fractions
- 5.4 Comparing like fractions
- 5.5 Addition of like fractions
- 5.6 Subtraction of like fractions

6. Decimals

6.1 What is a decimal?

6.2 Comparing decimals

6.3 Addition and Subtraction of Decimals

6.4 Division and Multiplication of Decimals by a whole number

7. Measurement

7.1 Measurement of Length

7.2 Measurement of Weight

7.3 Measurement of Capacity

7.4 Addition and subtraction of Measures

8. Time and Calendar

8.1 Telling time to the nearest minute

8.2 Telling time in a.m. and p.m.

8.3 Time elapsed

8.4 Addition and subtraction of time

8.5 The 24-hour clock time

8.6 Reading Calendar

9. Geometry

9.1 Ray, Line segment, Line

9.2 Open figure, Closed figures, Polygons, Different types of polygons

9.3 Circle

10. Perimeter and Area

10.1 Perimeter and Area of a square and a rectangle

11. Visualizing 3-D Shapes

11.1 Faces, Edges and Vertices of a Solid Figure

11.2 Viewing 3-D shapes

12. Symmetry

12.1 Axis of symmetry

12.2 Symmetry in different shapes

13. Patterns

13.1 Patterns in multiplication and division

14. Data Handling

14.1 Pictographs

14.2 Bar Graph