

# Math 5

## 1. Numeration and Roman Numbers

- 1.1 International System of Numbers
- 1.2 Numbers in expanded notation
- 1.3 Comparing and ordering whole numbers
- 1.4 Rounding off numbers
- 1.5 Hindu-Arabic numbers into Roman numbers and vice-versa

## 2. Addition and subtraction of 7-8 digit numbers

- 2.1 Addition of Large Numbers
- 2.2 Properties of Addition
- 2.3 Subtraction of Large numbers

## 3. Multiplication

- 3.1 Multiplication
- 3.2 Properties of Multiplication

## 4. Division

- 4.1 Division of a Large Number by a 2 & 3-digit number
- 4.2 Properties of Division
- 4.3 Dividing by tens and hundreds
- 4.4 Order of Operation

## 5. Factors and Multiples

- 5.1 Tests of divisibility
- 5.2 Common Factors and Common Multiples
- 5.3 Prime numbers and Composite Numbers
- 5.4 Prime Factorisation, HCF and LCM

## 6. Fractions

- 6.1 Facts about Fractions
- 6.2 Reducing Fractions to its Lowest Term
- 6.3 Comparing like and unlike fractions
- 6.4 Addition and subtraction of Unlike Fractions
- 6.5 Multiplication of Fractions
- 6.6 Division of Fractions

## **7. Decimals**

- 7.1 Place value and decimals
- 7.2 Converting fractions to decimals and vice-versa
- 7.3 Comparing decimals
- 7.4 Addition and subtraction of decimals
- 7.5 Division and multiplication of decimals

## **8. Percents**

- 8.1 Introduction to Percents
- 8.2 Converting Percentage to fractions and decimals and vice-versa
- 8.3 Equivalent Fractions, Decimals and Percents

## **9. Measurement**

- 9.1 The Metric Measures and Conversion of metric measures
- 9.2 The four basic operations on metric measures

## **10. Time**

- 10.1 Converting of units
- 10.2 Time elapsed
- 10.3 Addition and subtraction of time
- 10.4 The 24-hour clock time
- 10.5 Calendar

## **11. Geometry**

- 11.1 Point, Ray, Line segment, Line, Plane
- 11.2 Angles, Kinds of angles, and Measurement of angles
- 11.3 Triangle
- 11.4 Circles

## **12. Perimeter, Area and Volume**

- 12.1 Perimeter of the polygons
- 12.2 Perimeter and Area of a square and a rectangle
- 12.3 Area of figures not covering whole squares
- 12.4 Volume

## **13. Symmetry and Patterns**

- 13.1 Axis of symmetry
- 13.2 Symmetry in different shapes

13.3 Turning Shapes

13.4 Patterns

**14. Data Handling**

14.1 Collection and handling of data

14.2 Pictographs

14.3 Bar Graphs

14.4 Tally Chart

14.5 Line graphs

14.6 Circle graph