

## **Syllabus For Class 9**

### **Mathematics:**

1. Number Systems
2. Polynomials
3. Coordinate Geometry
4. Linear Equations in Two Variables
5. Introduction to Euclid's Geometry
6. Lines and Angles
7. Triangles
8. Quadrilaterals
9. Areas of Parallelograms and Triangles
10. Circles
11. Constructions
12. Heron's Formula
13. Surface Areas and Volumes
14. Statistics
15. Probability

### **Science:**

1. Matter – Its Nature and Behaviour:
  - Matter in Our Surroundings
  - Is Matter Around Us Pure?
  - Atoms and Molecules
  - Structure of the Atom
2. Organization in the Living World:
  - The Fundamental Unit of Life
  - Tissues
  - Diversity of Living Organisms
3. Motion, Force, and Work:

- Motion
- Force and Laws of Motion
- Gravitation
- Work and Energy
- Sound
- 4. Our Environment:
  - Why Do We Fall Ill?
- 5. Natural Resources:
  - Natural Resources
  - Improvement in Food Resources

#### **Social Science:**

##### **History (India and the Contemporary World - I):**

1. The French Revolution
2. Socialism in Europe and the Russian Revolution
3. Nazism and the Rise of Hitler
4. Forest Society and Colonialism
5. Pastoralists in the Modern World

##### **Geography (Contemporary India - I):**

1. India – Size and Location
2. Physical Features of India
3. Drainage
4. Climate
5. Natural Vegetation and Wildlife
6. Population

##### **Political Science (Democratic Politics - I):**

1. What is Democracy? Why Democracy?
2. Constitutional Design

3. Electoral Politics
4. Working of Institutions
5. Democratic Rights

**Economics:**

1. The Story of Village Palampur
2. People as Resource
3. Poverty as a Challenge
4. Food Security in India

**English:**

**Beehive (Prose):**

1. The Fun They Had
2. The Sound of Music
3. The Little Girl
4. A Truly Beautiful Mind
5. The Snake and the Mirror
6. My Childhood
7. Packing
8. Reach for the Top
9. The Bond of Love
10. Kathmandu
11. If I Were You

**Beehive (Poetry):**

1. The Road Not Taken – Robert Frost
2. Wind – Subramania Bharati
3. Rain on the Roof – Coates Kinney
4. The Lake Isle of Innisfree – W.B. Yeats
5. A Legend of the Northland – Phoebe Cary

6. No Men Are Foreign – James Kirkup
7. The Duck and the Kangaroo – Edward Lear
8. On Killing a Tree – Gieve Patel
9. The Snake Trying – W.W.E. Ross
10. A Slumber Did My Spirit Seal – William Wordsworth



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