

# Class 8 (Pre-Foundation + CBSE Board)

## Foundation Course Planner

### PHYSICS

1. Force
2. Fluid Pressure
3. Sound
4. Light
5. Electricity
6. Heat

### CHEMISTRY

1. Transformation of Matter
2. Synthetic Fibres and Plastics
3. Metals and Non-Metals
4. Carbon and its Compounds
5. Hydrogen and Oxygen
6. Water and its Solubility
7. Atomic Structure
8. Sulphur and its Compounds

### BIOLOGY

1. Crop Production and Management
2. Microorganisms : Friends and Foe
3. Conservation of Plants and Animals
4. Cell - Structure and Functions
5. Reproduction in Animals
6. Human Endocrine and Nervous System
7. Reaching the Age of Adolescence
8. Animal Husbandry
9. Environmental Pollution

### MATHS

1. Number Systems
2. Number Theory
3. Sets and Relations
4. Arithmetic
5. Algebra
6. Geometry
7. Mensuration
8. Statistics and Probability
9. Coordinate Geometry

### MENTAL ABILITY

1. Logical Venn Diagrams
2. Directional Tests
3. Counting of Geometrical Patterns
4. Calendar Problems

## CBSE Board Course Planner

### SCIENCE AND MATHS

#### PHYSICS

1. Electricity: Magnetic and Heating Effects
2. Exploring Forces
3. Pressure, Winds, Storms, and Cyclones
4. Light: Mirrors and Lenses
5. Keeping Time with the Skies

#### CHEMISTRY

1. Exploring the Investigative World of Science
2. Particulate Nature of Matter
3. Nature of Matter: Elements, Compounds, and Mixtures
4. The Amazing World of Solutes, Solvents, and Solutions

#### BIOLOGY

1. The Invisible Living World: Beyond Our Naked Eye
2. Health: The Ultimate Treasure
3. How Nature Works in Harmony
4. Our Home: Earth, a Unique Life Sustaining Planet

#### MATHS

1. A Square and A Cube
2. Power Play
3. A Story of Numbers
4. Quadrilaterals
5. Number Play
6. We Distribute, Yet Things Multiply
7. Proportional Reasoning-1
8. Fractions in Disguise
9. The Baudhayana - Pythagoras Theorem
10. Proportional Reasoning-2
11. Exploring Some Geometric Themes
12. Tales by Dots and Lines
13. Algebra Play
14. Area

### ENGLISH

#### POORVI

##### Unit 1 : Wit and Wisdom

1. The Wit that Won Hearts
2. A Concrete Example
3. Wisdom Paves the Way

##### Unit 2 : Values and Dispositions

4. A Tale of Valour: Major Somnath Sharma and the Battle of Badgam
5. Somebody's Mother
6. Verghese Kurien— I Too Had A Dream

##### Unit 3 : Mystery and Magic

7. The Case of the Fifth Word
8. The Magic Brush of Dreams
9. Spectacular Wonders

##### Unit 4 : Environment

10. The Cherry Tree
11. Harvest Hymn
12. Waiting for the Rain

##### Unit 5: Science and Curiosity

13. Feathered Friend
14. Magnifying Glass
15. Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science

#### READING

1. Unseen Passages

#### WRITING

1. Notice Writing
2. Message Writing
3. E-mail Writing
4. Diary Entry
5. Paragraph Writing
6. Description Writing
7. Dialogue Writing
8. Story Writing
9. Article Writing
10. Speech Writing
11. Letter Writing

#### GRAMMAR

1. Sentences
2. Noun
3. Pronoun
4. Adjective
5. Verb
6. Adverb
7. Prepositions
8. Conjunction (Connectors)
9. Tenses
10. Subject-Verb Agreement
11. Modals
12. Determiners
13. Active and Passive Voice
14. Reported Speech
15. Word Power

### SOCIAL SCIENCE

#### Theme A — India and the World: Land and the People

1. Natural Resources and Their Use
2. World Geography: Some Glimpses

#### Theme B — Tapestry of the Past

- A Note on History's Darker Periods  
Looking back and forward ...
3. Reshaping India's Political Map
  4. The Rise of the Marathas
  5. The Colonial Era in India
  6. India's Long Road to Independence

#### Theme C — Our Cultural HeritAge and Knowledge Traditions

7. A Journey Through Indian Architecture

#### Theme D — Governance and Democracy

8. Universal Franchise and India's Electoral System
9. The Parliamentary System: Legislature and Executive
10. The Role of the Judiciary in Our Society
11. Citizenship: Rights and Duties

#### Theme E — Economic Life Around Us

12. Factors of Production
13. Dynamics of Population
14. India's Urban Landscape