

# Class 10 - Course Planner

## SCIENCE AND MATHS

### PHYSICS

1. Heat
2. Optics
3. Electricity
4. Work, Power and Energy
5. Electromagnetism
6. Wave Motion and Sound
7. Modern Physics

### CHEMISTRY

1. Chemical Reactions and Equations
2. Atomic Structure
3. Periodic Classification of Elements
4. Chemical Bonding
5. Acids, Bases and Salts
6. Metallurgy
7. Study of Compounds
8. Organic Chemistry
9. Analytical Chemistry

### BIOLOGY

1. Life Processes I : Nutrition in Plants and Animals
2. Life Processes II : Respiration, Transportation and Excretion
3. Control and Coordination
4. How do Organisms Reproduce ?
5. Heredity and Evolution
6. Our Environment and Population
7. Sustainable Management of Natural Resources
8. Pollution : Types and Prevention

### MATHS

1. Real and Complex Numbers
2. Algebra
3. Sets and Relations
4. Geometry
5. Mensuration
6. Progressions
7. Statistics and Probability
8. Coordinate Geometry
9. Trigonometry
10. Matrices
11. Functions

## MENTAL ABILITY

1. Numbers and Symbol Interchange
2. Numbers Around the Circle
3. Numbers in Geometrical Figures
4. Colouring and Cutting of Cubes
5. Analytical Reasoning
6. Blood Relationship
7. Seating Arrangement
8. Clocks

## ENGLISH

### FIRST FLIGHT

1. A Letter to Go
2. Dust of Snow
3. Fire and Ice
4. Nelson Mandela: Long Walk to Freedom
5. A Tiger in the Zoo
6. Two Stories about Flying
7. How to Tell Wild Animals
8. The Ball Poem
9. From the Diary of Anne Frank
10. Amanda!
11. Glimpses of India
12. The Trees
13. Mijbil the Otter
14. Fog
15. Madam Rides the Bus
16. The Tale of Custard the Dragon
17. The Sermon at Benares
18. For Anne Gregory
19. The Proposal

### FOOTPRINTS WITHOUT FEET

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor
4. A Question of Trust
5. Footprints without Feet
6. The Making of a Scientist
7. The Necklace
8. Bholi
9. The Book That Saved the Earth

### READING

1. Discursive Passage
2. Case Based Passage

### WRITING

1. Formal Letters
2. Analytical Paragraph

### GRAMMAR

1. Tenses
2. Modals
3. Determiners
4. Subject-Verb Concord
5. Reported Speech

## SOCIAL SCIENCE

### HISTORY

1. The Rise of Nationalism in Europe
2. Nationalism in India
3. The Making of a Global World
4. The Age of Industrialisation
5. Print Culture and the Modern World

### CIVICS

1. Power Sharing
2. Federalism
3. Gender, Religion and Caste
4. Political Parties
5. Outcomes of Democracy

### GEOGRAPHY

1. Resources and Development
2. Forest and Wildlife Resources
3. Water Resources
4. Agriculture
5. Minerals and Energy Resources
6. Manufacturing Industries
7. Lifelines of National Economy

### ECONOMICS

1. Development
2. Sectors of Indian Economy
3. Money and Credit
4. Globalisation and the Indian Economy
5. Consumer Rights