

# Subject-wise Syllabus Overview

## Mathematics

| Unit                       | Marks |
|----------------------------|-------|
| Number Systems             | 10    |
| Algebra                    | 15    |
| Geometry                   | 20    |
| Mensuration                | 10    |
| Statistics and Probability | 15    |

### ***Learning Objectives:***

- Understand and apply arithmetic operations
- Solve algebraic expressions and equations
- Explore shapes and their properties
- Measure areas and volumes
- Analyze data using statistical tools

### ***Assessment Types:***

MCQs, Problem Solving, Short & Long Answer

## Science

| Unit                    | Marks |
|-------------------------|-------|
| Matter and Its Nature   | 12    |
| Motion and Force        | 18    |
| Cell and Microorganisms | 15    |
| Light and Sound         | 15    |
| Environment and Health  | 10    |

### ***Learning Objectives:***

- Explore physical and chemical properties of matter
- Understand motion and its laws
- Study cell structure and functions
- Learn concepts of light and sound
- Understand health, hygiene, and environment

### ***Assessment Types:***

MCQs, Experiments, Viva, Diagrams

## English

| Unit                  | Marks |
|-----------------------|-------|
| Reading Comprehension | 15    |
| Grammar               | 15    |
| Writing Skills        | 20    |
| Literature            | 20    |

### ***Learning Objectives:***

- Develop reading strategies
- Master grammar rules
- Enhance creative and formal writing
- Interpret literary texts

### ***Assessment Types:***

Reading & Writing, Oral, Assignments

## Social Studies

| Unit                           | Marks |
|--------------------------------|-------|
| History: Ancient Civilizations | 15    |
| Geography: Physical Features   | 15    |
| Civics: Democratic Government  | 10    |
| Economics: Resources           | 10    |

### ***Learning Objectives:***

- Understand ancient cultures and events
- Explore geographic features and maps
- Analyze principles of democracy
- Study economic resources and usage

### ***Assessment Types:***

Map Work, Essay, MCQs, Presentations

## Computer Science

| Unit                | Marks |
|---------------------|-------|
| Basics of Computers | 10    |
| Coding Concepts     | 20    |
| Data Handling       | 10    |
| Cyber Safety        | 10    |

***Learning Objectives:***

- Familiarize with computer systems
- Understand programming logic
- Work with data in spreadsheets
- Practice safe internet habits

***Assessment Types:***

Projects, Quizzes, Coding Exercises