

**Syllabus for Class IX**  
**English Language**  
**1<sup>st</sup> Term**

**Unit - 1**

1. Practice paper - 2 and 3
2. Formal and Informal letter Writing

**Unit - 2**

1. Practice Paper - 4 and 5 [grammar] Class Test
2. Speaking skills

**Half Yearly Examination**

1. Practice Paper 1 - 8
2. Speaking + Listening skills
3. Formal and Informal letter
4. Notice and e mail
5. Grammar
6. Composition

**Final Term**

**Unit - 3**

1. Practice Paper - 9 and 10
2. Notice and e mail

**Unit - 4**

1. Practice Paper - 11 and 12 [grammar] Class Test
2. Speaking skills

**Annual Examination**

1. Practice Paper 9 - 15
2. Listening and Speaking skills
3. Formal and Informal letter
4. Notice and e mail
5. Grammar
6. Comprehension
7. Composition

**English Literature**  
**1<sup>st</sup> Term**

**Unit - 1**

1. Julius Caesar - Act I sc (I)
2. Bonku Babu's Friend
3. The Night Mail

## Unit - 2

1. Julius Caesar - Act I sc (ii), (iii)
2. Oliver asks for more
3. Skimbleshanks + Project Work

## Half Yearly Examination

1. Julius Caesar - Act I sc (I), (ii), (iii)
2. Bonku Babu's Friend
3. Oliver asks for more
4. The Model Millionaire
5. The Night Mail
6. Skimbleshanks
7. I remember, I remember

## **Final Term**

### Unit - 3

1. Julius Caesar - Act II sc (I)
2. Project Work

### Unit - 4

1. Homecoming
2. Project Work

## Annual Examination

1. Julius Caesar - Act I and II
2. Bonku Babu's Friend
3. Oliver asks for more
4. The Model Millionaire
5. Homecoming
6. The Boy who broke the bank
7. The Night Mail
8. Skimbleshanks
9. I remember, I remember
10. A Doctor's Journal Entry for August 6, 1945
11. A Work of Artifice

## **Mathematics**

### Unit - 1

1. Rational and Irrational Numbers\*
2. Compound Interest\*
3. Expansions\*

## Unit - 2

1. Factorization\*
2. Simultaneous Linear Equation\*
3. Problems on Simultaneous Linear Equation
4. Triangles
5. Mid-Point Theorem

## **Project on Triangles**

## Unit - 3

1. Indices\*
2. Trigonometrical Ratio\*
3. Logarithms\*
4. Pythagoras Theorem
5. Statistics
6. Circles

## Unit - 4

1. Rectilinear Figures\*
2. Coordinate Geometry\*
3. Mensuration
4. Trigonometrical Ratios of Standard Angles
5. Theorems on Area

## **Project on Trigonometry**

\*Denoted chapters are included in Unit Test

The entire syllabus will be tested in the Annual Exam

## **Physics**

## Unit - 1

### 1<sup>st</sup> Term

1. Measurement
2. Motion in One Dimension

## Unit - 2

(Class Test + Project)

3. Laws of Motion
4. Pressure in fluids and Atmospheric Pressure

## **Half Yearly Examination**

All of Unit - 1 and Unit - 2

5. Upthrust in fluids, Archimedes's principle and Flotation

## **Final Term**

### **Unit - 3**

6. Heat and Energy
7. Reflection of Light

### **Unit - 4**

(Class Test + Project)

8. Propagation of sound waves
9. Current Electricity

### **Annual Examination**

All of Half Yearly Examination + Unit - 3 and  
Unit - 4 14. Magnetism

## **Chemistry**

### **Unit - 1**

Chapter 1. The Language of Chemistry

### **Unit - 2**

Class Test

Chapter 2. Chemical Changes and Reactions

**Project - Recognition and Identification of Gases**

### **Half Yearly Examination**

- Chapter 1. The Language of Chemistry
- Chapter 2. Chemical Changes and Reactions
- Chapter 3. Water
- Chapter 4. Atomic Structure and Chemical Bonding
- Chapter-5 Atmospheric Pollution

**Practical Work - Action of heat on substances**

### **Unit - 3**

- Chapter 6. Periodic Table

### **Unit - 4**

Class Test

- Chapter 7. Hydrogen

**Project - a) Action of dilute Sulphuric acid on substances  
b) Flame Test**

## **Annual Examination**

- Chap-1 - The language of Chemistry
  - Chap 2 - Chemical changes and Reactions
  - Chap-3 - Water
  - Chap 4 - Atomic structure & Chemical Bonding
  - Chap-5 - Periodic Table
  - Chap-6 - Hydrogen
  - Chap-7 - Gas Laws
  - Chap-8 - Atmospheric Pollution
- Practical Work**

## **Biology 1<sup>st</sup> Term**

### **Unit - 1**

1. Cell
2. Tissues

### **Unit - 2**

1. Pollination and Fertilization
2. Seed - Structure and Germination (Project Work)

## **Half Yearly Examination**

1. Cell
2. Tissues
3. Pollination and Fertilization
4. Seed - Structure and Germination
5. Respiration in Plants
6. Five Kingdom Classification
7. Economic Importance of Bacteria and Fungi

## **Final Term**

### **Unit - 3**

1. Nutrition, Structure of tooth
2. Digestive System

### **Unit - 4**

1. Movement and Locomotion
2. Model of Lungs (Project)
3. Waste Treatment (Project)

## **Annual Examination**

### **Syllabus of 1<sup>st</sup> Term and**

1. Nutrition, Structure of tooth
2. Digestive System
3. Movement and Locomotion
4. Skin
5. Respiratory System
6. Hygiene
7. Diseases
8. Aids to Health
9. Health Organization
10. Waste Generation and Management

## **Biology Practical**

### **1<sup>st</sup> Term**

#### **Plant Life**

1. Onion Peel
2. Cross Pollinated Flower
3. Germinating Seeds

#### **Animal Life**

1. Cheek Cell
2. Identification of Animals

#### **Final Term**

1. Food Test
2. Model of Lungs
3. Waste Treatment

## **History and Civics**

### **Unit - 1**

1. Our Constitution and its salient features
2. Harappan Civilization

### **Unit - 2**

1. Early and Later Vedic Civilization

### **Project - Preamble**

## **Half Yearly Examination**

1. Jainism and Buddhism
2. Elections and Election Commission
3. The Mauryan Empire
4. The Sangam Age
5. The Age of the Guptas
6. South India and the Cholas
7. The Delhi Sultanate

Unit 1 and unit 2 portion are included

### **Unit - 3**

1. The State Legislature
2. The Mughal Empire

### **Unit - 4**

1. The Renaissance

Project - Contribution of Shakespeare, Leonardo da Vinci, Copernicus

## **Annual Examination**

1. The Reformation
2. The Industrial Revolution
3. Composite Culture - Bhakti Movement, Sufi Movement and influence of Christianity Entire syllabus taught in class IX

## **Geography**

### **Unit - 1**

1. Pollution (Ch 16-19)
2. Earth's Structure (Ch 4)

### **Unit - 2**

1. Landforms of the Earth (Ch 5) (Class Test)

**Project Work**

## **Half Yearly Examination**

- Chapter - 2,3,4,5,6,7,8,9,10,11,16,17,18,19,20
- Map-World Map

### **Unit - 3**

1. Composition and Structure of the atmosphere (Ch 12)
2. Insolation (Ch 13)

## Unit - 4

1. Earth as a Planet (Ch 1) (Class Test)

### **Project**

## Annual Examination

- Full Syllabus
- Map - World Map

## **Computer Applications**

### 1<sup>st</sup> Term

#### Unit - 1

1. Introduction to Object Oriented Programming Concepts
2. Elementary Concept of Objects and Classes
3. Identifiers and Literals
4. Operators in Java

#### Unit - 2

1. Basic Structure of a class in Java
2. Data Processing in Java
3. Mathematical Library Methods
4. Conditional Statements in Java

### 2<sup>nd</sup> Term

#### Unit - 3

1. Looping / Iterative Statements in Java
2. Nested for loops

#### Unit - 4

1. Ethical Computing

## **Commercial Applications**

### 1<sup>st</sup> Term

#### Unit - 1

1. Introduction to Commercial Organization
2. a. Ownership Structures - Sole Proprietorship and Joint Hindu Family Business  
b. Partnership

#### Unit - 2

1. Class Test - Ownership Structures and Joint Stock Company
- Project Work**

## **Half Yearly Examination**

1. Ownership Structures -
  - a. Cooperative Society
  - b. Public Sector Enterprises
2. Functioning of Commercial Organization
3. Nature and Terminology of Accounting  
**and all topics of Unit -1 and Unit - 2**

## **Final Term**

### **Unit - 3**

1. Communication in a Commercial Organization
2. Ways of Communicating

### **Unit - 4**

1. Accounting Records  
**Project Work - Tools of Communication**

## **Annual Examination**

1. Natural Resources
2. Depletion of Resources
3. Practices for Conservation of Resources
4. Industrial Pollution and Degradation of Resources  
**and all topics of 1<sup>st</sup> Term**

**Class: IX**

**Bengali Syllabus (2026-27)**

### **UT-I:**

- চাঁদের পাহাড়: ১, ২
- সংকলিতা: লালু
- ব্যাকরণ: এক কথায় প্রকাশ (প্রথম দুই পৃষ্ঠা), বাগধারা (প্রথম দুই পৃষ্ঠা)

### **UT-II:**

- চাঁদের পাহাড়: ৩, ৪
- সংকলিতা: দেবতার জন্ম
- ব্যাকরণ: এক কথায় প্রকাশ (পরের দুই পৃষ্ঠা), বাগধারা (পরের দুই পৃষ্ঠা),

প্রকল্প

### **Half Yearly Examination:**

- নীল মানুষের কাহিনী
- চাঁদের পাহাড়: ৫
- ব্যাকরণ: চিঠি রচনা, বোধ পরীক্ষণ, সাধু ও চলিত ভাষা

### **UT-3:**

- চাঁদের পাহাড়: ৬
- সংকলিতা: বামা
- ব্যাকরণ: পদ পরিবর্তন (প্রথম দুই পৃষ্ঠা)

### **UT-4:**

- চাঁদের পাহাড়: ৭
- সংকলিতা: ক্যানভাসার
- ব্যাকরণ: সরল, জটিল, যৌগিক বাক্য পরিবর্তন, প্রকল্প

### **Annual Examination:**

- চাঁদের পাহাড়: ৮, ৯
- সংকলিতা: অসহযোগী
- রচনা, চিঠি

## **Hindi Syllabus 2026-27**

**Class: IX | Subject: Hindi 2nd Language**

### **1st Term**

#### **Unit-I**

- Chp -1: बात अठनी की
- Chp -2: साखी
- ব্যাকরণ: পর্যায়বাচী, বিলোম, সংজ্ঞা, বিশেষণ, অশুদ্ধ-শুদ্ধ, বাক্য-শোধন আদি।

#### **Unit-II**

- Chp: काकी
- Chp: कुंडलियां
- ব্যাকরণ: বাক্য, কাল, তৎসম তদ্ভব শব্দ, মুহাবরে আদি।
- লেখন: পত্রলেখন, নিবন্ধ লেখন, कहानी लेखन आदि।

## **Half Yearly Examination:**

UT-I (सभी)

UT-II (सभी)

- Chp: स्वर्ग बना सकते हैं
- Chp: स्वर्ग बना सकते हैं
- व्याकरण: काल, वाच्य, पत्र लेखन, कहानी लेखन, निबंध लेखन आदि।

## **Final Term**

### **Unit-III**

- Chp: नेताजी का चश्मा
- Chp: वह जन्मभूमि मेरी
- व्याकरण: भाववाचक संज्ञा, लिंग, वाच्य, पर्यायवाची, विलोम, विशेषण आदि।

### **Unit-IV**

- Chp: अपना-अपना भाग्य
- Chp: मेघ आए
- व्याकरण: कारक की शुद्धियाँ, मुहावरे, अनेक शब्दों के लिए एक शब्द आदि।

## **Annual Examination**

- Chp: बड़े घर की बेटी
- Chp: सूर के पद
- Chp: संदेह
- लेखन: पत्र लेखन, कहानी लेखन, निबंध लेखन अपठित गद्यांश व्याकरण: अशुद्ध-शुद्ध, पर्यायवाची, विलोम, वाच्य आदि।
- UT-I (सभी) + UT-II (सभी) + UT-III + UT-IV

## **Physical Education**

### **Unit - 1**

1. The Human Anatomy and Physiology (Chapter - 1)
2. Cricket - Theory and Practical

### Unit - 2

1. Muscular System (Chapter - 2)
2. Respiratory System (Chapter - 3)
3. Football

### Half Yearly Examination

1. Chapter - 1, 2 and 3
2. Cricket and Football

### Unit - 3

1. Circulatory System (Chapter - 4)
2. Cricket

### Unit - 4

1. Games and Sports (Chapter - 5)
2. Football

### Annual Examination

1. Chapter - 1, 2, 3, 4 and 5
2. Cricket and Football

**Project - Cricket and Football (Theory and Fundamental)**