

**Half Yearly Syllabus  
Session-2022-23  
Class- IX**

**Science (086)**

1. **Biology-** Chapter 1 – Cell- Basic unit of life
2. **Chemistry-** Chapter 1 – Matter in our surroundings  
Chapter 2- Is matter around us pure?
3. **Physics-** Chapter 1- Motion  
Chapter 2- Force and Newton's Laws motion  
Chapter 3- Gravitation  
Chapter 4- Floatation

**Social Science (087)**

1. **History-** Chapter 1- The French Revolution  
Chapter 3- Nazism and the Rise of Hitler  
Chapter 4- Forest society and colonialism
2. **Geography-** Chapter 1-India- Size and Location  
Chapter 2- Physical Features of India  
Chapter 3- Drainage
3. **Political Science-** Chapter 1- What is Democracy?  
Why is Democracy?  
Chapter 2- Constitutional Design
4. **Economics-** Chapter 1 – The story of village Palampur  
Chapter 2- People as Resource  
Chapter 3- Poverty as a Challenge

**Map Work**

**History-** Chapter 1 – The French Revolution  
Outline Political Map of France

- Bordeaux
- Nantes
- Paris
- Marseilles

### Chapter 3- Nazism and Rise of Hitler

#### Major countries of Second World War

- Axis power- Germany, Italy, Japan
- Allied power- UK, France, Former USSR, USA

❖ Territories under German invasion- Austria, Poland, Lithuania, Denmark, France, Belgium, Czechoslovakia

### **Geography-** Chapter 1- India- Size and Location

India- States with Capital

Tropic of Cancer, Standard Meridian (Location and Labelling)

### Chapter 2- Physical Features of India

- **Mountain Ranges-** The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats.
- **Mountain Peaks-** K2, Kanchan Junga, Anai Mudi
- **Plateau-** Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- **Coastal Plains-** Konkan, Malabar, Coromandal & Northern Circar (Location & Labelling)

### Chapter 3- Drainage

- **Rivers-** Identification only
- **The Himalayan River Systems-** The Indus, The Ganges and The Satluj
- **The Peninsular rivers-** The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi
- **Lakes-** Wular, Pulicat, Sambhar, Chilika

## **Mathematics (041)**

Chapter 1- Number Systems

Chapter 2- Polynomials

Chapter 3- Factorisation of Polynomials

Chapter 4- Linear Equation in two variables

Chapter 6- Introduction to Euclid's Geometry

Chapter 7- Lines and Angles

Chapter 9- Congruence of triangles and Inequalities in a triangle

## Hindi (002)

शिक्षितज पाठ्यपुस्तक-

गद्यखंड-

पाठ-1 दो बैलों की कथा

पाठ-2 ल्हासा की ओर

पाठ-3 उपभोक्तावाद की संस्कृति

पाठ-4 साँवले सपनों की याद

काव्यखंड-

पाठ-9 साखियाँ और सबद

पाठ-10 वाख

पाठ-11 सवैये

पाठ-12 कैदी और कोकिला

कृतिका पूरक) पुस्तिका(

1. इस जल प्रलय में

व्याकरण

उपसर्ग, प्रत्यय, समास, अलंकार अनुप्रास), यमक(, अर्थ की दृष्टि से वाक्य भेद-, अनुच्छेदलेखन-, पत्र-लेखन, लघुकथा-, सूचना| लेखन-

## English Language & Literature (184)

### Language

1. Subject-Verb Concord
2. Discursive Passage
3. Case- Based factual passage
4. Formal Letter
5. Tenses
6. Modals
7. Determiners
8. Analytical Paragraph
9. Reporting Narration

### Literature

1. A Letter to God
2. Dust of Snow
3. Fire and Ice
4. The Ball Poem

5. Nelson Mandela
6. The Hundred Dresses-I
7. The Hundred Dresses-II
8. Bholi
9. The Thief's Story

## **Information Technology (402)**

- Unit 1- Communication Skills-I
- Unit 2- Self- management skills-I
- Unit 6- Introduction to IT-ITeS industry
- Unit 7- Data Entry and Keyboarding Skills
- Unit 8- Digital Documentation

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