

CLASS IX (2023-24)
MID TERM SYLLABUS

ENGLISH

Literature Reader

Prose

1. How I Taught My Grandmother to Read
2. A Dog Named Duke
3. The Man Who Knew Too Much

Poetry

1. The Brook
2. The Road Not Taken
3. The Solitary Reaper

Drama

Villa for Sale

Main Course Book

Unit 1- People

Unit 2- Adventure

Unit 3- Environment

Unit 4- The Class IX Radio and Video Show

Workbook

1. Unit-1: Verb Forms
2. Unit-2: Determiners
3. Unit-4: Modals
4. Unit-7: Reported Speech

Writing Skills

1. Paragraph Writing
2. Dialogue Writing
3. Notice Writing
4. Informal Letter Writing

हिंदी (बी)

पाठ्य पुस्तक- स्पर्श (भाग-1)

गद्य खंड

1. दुख का अधिकार
2. एवरेस्ट : मेरी शिखर यात्रा

पद्य खंड

1. पद
2. दोहे
3. गीत-अगीत

सहायक पुस्तक- संचयन (भाग-1)

1. गिल्लू

2. स्मृति

व्याकरण

1. शब्द और पद

2. अनुस्वार, अनुनासिक

3. उपसर्ग, प्रत्यय

4. स्वर संधि

5. विराम-चिह्न

6. अर्थ की दृष्टि से वाक्य-भेद

लेखन

1. अनुच्छेद-लेखन

2. अनौपचारिक पत्र - लेखन

3. चित्र-वर्णन

4. संवाद-लेखन

अपठित-गद्यांश

FRENCH

Leçon-1: La famille

Leçon-2: Au lycée

Leçon-3: Une journée de Pauline

Leçon-4: Les saisons

Section -A: Reading Section

One unseen prose passage (factual / descriptive) (150 words) (with a picture/ diagrammatically represented data)

Section -B: Writing Section

One long composition (Informal letter) (80 words)

Two short compositions: (recipe/ message/ description of a person with visual input and clues) (30 -35 words)

Section-C Grammar Section

Demonstrative Adjectives

Verbs (présent , futur proche , futur simple , pronominal verbs, impératif)

Question formation (excluding interrogative adjectives and pronouns)

Negatives (without expressions)

Section-D: Culture and Civilization

Questions based on textbook: Lessons 1-4

Short answer questions

MCQ (True or false/ match the following/ fill in the blanks)

MATHEMATICS

Unit-I : Number Systems

Chapter-1 : Number Systems

Unit-II : Algebra

Chapter-2 : Polynomials

Unit-III : Coordinate Geometry

Chapter-3 : Coordinate Geometry

Unit-IV : Geometry

Chapter-6 : Lines and Angles

Chapter-7 : Triangles

Unit-V : Mensuration

Chapter-10 : Heron's Formula

SCIENCE

PHYSICS:

Chapter 7: Motion

Chapter 8: Force and Laws of Motion

Chapter 9: Gravitation (till the topic – Mass & Weight; till page number 105)

CHEMISTRY

Chapter1: Matter in Our Surroundings

Chapter 2: Is Matter Around us Pure?

BIOLOGY:

Chapter 5: The Fundamental Unit of Life

Chapter 6: Tissues (till page number 64)

SOCIAL SCIENCE

HISTORY

Chapter-1 The French Revolution

Chapter-2 Socialism in Europe and the Russian Revolution

GEOGRAPHY

Chapter-1 India- Size and Location
Chapter-2 Physical Features of India
Chapter-3 Drainage

POLITICAL SCIENCE

Chapter-1 What is Democracy? Why Democracy?
Chapter-2 Constitutional Design

ECONOMICS

Chapter-2 People as Resource

ARTIFICIAL INTELLIGENCE

UNIT 1: INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)

Excite

- Session: Introduction to AI and setting up the context of the curriculum

Relate

- Video Session: To watch a video

Purpose

- Session: Introduction to UN Sustainable Development Goals

Possibilities

- Session: Theme-based research and Case Studies

AI Ethics

- Video Session: Discussing about AI Ethics
- Session: AI Bias and AI Access

UNIT 2: AI PROJECT CYCLE

Problem Scoping

- Session: Introduction to AI Project Cycle

Data Acquisition

Data Exploration

- Session: Data Visualisation

Modelling

- Session: Modeling
- Session: Decision Tree

EMPLOYABILITY SKILLS

UNIT 1: COMMUNICATION SKILLS-I

UNIT 2: SELF-MANAGEMENT SKILLS-I

PRACTICAL

UNIT 4: INTRODUCTION TO PYTHON

- **Programs in Python**
- **Control Structures**
- **Conditional Control Structures**
- **Break Statement**
- **Continue Statement**

COMPUTER APPLICATIONS

Unit 1: Basics of Information Technology

- Computer Systems: characteristics of a computer, components of a computer system – CPU, memory, storage devices and I/O devices
- Memory: primary (RAM and ROM) and secondary memory
- Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick
- I/O devices: keyboard, mouse, monitor, printer, scanner, web camera
- Types of software: system software (operating system, device drivers), application software including mobile applications
- Computer networking: Type of networks: PAN, LAN, MAN, WAN, wired/wireless communication, Wi-Fi, Bluetooth, cloud computers (Private/public)
- Multimedia: images, audio, video, animation

Unit 3: Office tools

- Introduction to a word processor: create and save a document.
- Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers and footers, numbering pages, grammar and spell check utilities, subscript and superscript, insert symbols, use print preview, and print a document.
- Insert pictures, change the page setting, add bullets and numbering, borders and shading, and insert tables – insert/delete rows and columns, merge and split cells.
- Use auto-format, track changes, review comments, use of drawing tools, shapes and mathematical symbols.

PAINTING

THEORY-

UNIT-1

1. Fundamentals of Visual Arts.

Chapter-1: The Elements of Art

UNIT -II

Methods & Materials of Painting

Chapter- 3 Understanding and appropriate use of tools

Chapter- 4 Understanding and appropriate use of Painting materials – Poster colours, Water colours, Oil pastels, and Pencils.