

Xi Science Term 1 syllabus (2023-24)

PHYSICS

Ch. 01. Units and dimensions

Ch.02. Motion in a straight line

Ch. 03. Motion in a plane

Ch. .04. Laws of Motion

Ch.05. Work, power and energy

Ch.06. System of particles and Rotational motion.

MATHS

1. Sets

2. Relations and functions

3. Trigonometric Functions

4. Complex and Quadratic Equations

5. Linear Inequalities

6. Permutations and Combinations

7. Sequence and Series

8. Three Dimensional Geometry

CHEMISTRY

Ch 1 Some basic concepts of Chemistry.

Ch 2 Structure of atom.

Ch 3 Periodic Classification of elements.

Ch Organic chemistry.

Ch Thermodynamics

Ch Redox reaction

BIOLOGY

Ch.1 THE LIVING WORLD

CH.2 BIOLOGICAL CLASSIFICATION

CH 3. PLANT KINGDOM

CH 4. ANIMAL KINGDOM

CH 5. MORPHOLOGY OF FLOWERING PLANTS

CH 6. ANATOMY OF FLOWERING PLANTS

CH 7. STRUCTURAL ORGANISATION IN ANIMALS

CH 8. CELL: THE UNIT OF LIFE

CH 9. BIOMOLECULES

CH 10. CELL CYCLE AND CELL DIVISION

ENGLISH

READING SECTION

- * Comprehension passages
- * Note Making and Summary

WRITING SECTION

- * Advertisements
- * Poster Making
- * Speech Writing
- * Debate writing

GRAMMAR SECTION

- * Gap Filling
- * Jumbled Words
- * Reported Speech
- * Transformation of Sentences

LITERATURE SECTION

Hornbill - Prose

- * Portrait of a Lady
- * We're Not Afraid to die
- * Discovering Tut

Poetry

- * A Photograph
- * Laburnum Top
- * Voice of the Rain

Snapshots

- * Summer of the Beautiful White Horse

* The Address

Music

1. raag bihag introduction
2. taal - dadra , keharwa (introduction, thah and dugun)
3. knowledge of the structure of tanpura
4. life sketch of tansen and V.N bhatkhande

short note - swar, saptak, nada, shruti

PHYSICAL EDUCATION

UNIT 1 . Changing Trends & Career in Physical Education

Unit 02. Olympic Value Education

Unit 03. Physical Fitness, Wellness & Lifestyle Unit :-04 Physical Education & Sports for CWSN

Unit :-05 Yoga

COMPUTERS

(Informatics Practices)*

Unit 1: Introduction to Computer System

Unit 3: Database Concepts and the Structured Query Language