

SOBTIS PUBLIC SCHOOL

Class XI (PCM)

TERM 1 SYLLABUS

Session 2026-27

Mathematics

Chapter 1. Sets

Chapter 2. Relations and Functions

Chapter 3. Trigonometric Functions

Chapter 4. Complex Numbers and Quadratic Equations

Chapter 5. Linear Inequalities

Chapter 6. Permutations and Combinations

Chapter 7. Binomial Theorem

Chapter 8. Sequences and Series

English

Hornbill

- 1 – Portrait of a lady
- 2 – Photograph
- 3 – We're not afraid to die
- 4 – Discovering tut
- 5 – The laburnum top
- 6 – The voice of rain
- 7 - Childhood

Snapshots

- 1 – The Summer of the beautiful white horse
- 2 – The address

Reading/writing/Grammar

- 1 – Poster making
- 2 – Debate writing
- 3 – Classified advertisements
- 4 – Note making
- 6 – Direct-Indirect Narration
- 7 – Tenses
- 8 – Unseen Passage
- 9 – Gap filling

Physical Education

UNIT 1 Changing Trends & Career in Physical Education

UNIT 2 Olympic Value Education

UNIT 3 Yoga

UNIT 4 Physical Education & Sports for CWSN

UNIT 5 Physical Fitness, Wellness

Chemistry

Chapter 1. Some basic concepts

Chapter 2. Structure of atom

Chapter 3. Classification of elements and periodicity in properties

Chapter 4. Chemical Bonding

Chapter 5. Redox reactions

Physics

Chapter 1. Dimensional Analysis

Chapter 2. Motion in a Straight line

Chapter 3. Motion in a Plane

Chapter 4. Newton's Laws of Motion

Chapter 5. Work Energy and Power

Chapter 6. Gravitation

Computer

Chapter 1: Computer Systems Overview

Chapter 2: Number Systems and Encoding Schemes

Chapter 3: Boolean Logic

Chapter 4: Introduction to Problem Solving

Chapter 11: Societal Impacts

Psychology