

SARASWATI VIDYA MANDIR INTER COLLEGE

HALF YEARLY SYLLABUS (2025-26)

CLASS XI : SCIENCE

PHYSICS : 1.UNITS AND MEASUREMENTS

2. MOTION IN A STRAIGHT LINE
3. MOTION IN A PLANE
4. MECHANICAL PROPERTIES OF SOLIDS

CHEMISTRY :

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in properties
4. Chemical Bonding and Molecular Structure

BIOLOGY : 1. ANATOMY OF FLOWERING PLANTS

2. STRUCTURE ORGANISATION IN ANIMALS
3. CELL : THE UNIT OF LIFE
4. BIOMOLECULES
5. CELL CYCLE AND CELL DIVISION
6. PHOTOSYNTHESIS IN HIGHER PLANTS
7. RESPIRATION IN PLANTS

MATHS :

1. Set
2. Relation and Function
3. Trigonometry
4. Complex Number
5. Linear Inequality
6. Binomial Theorem
7. 3 D

ENGLISH

HORNBILL : 1. THE PORTRAIT OF A LADY

2. WE ARE NOT AFRAID TO DIE
3. DISCOVERING TURTLES

POEM : 1. A PHOTOGRAPH

2. THE LABURNUM TOP
3. THE VOICE OF RAIN

SNAPSHOTS : 1. THE SUMMER OF BEAUTIFUL WHITE HORSES

2. THE ADDRESS
3. THE MOTHER'S DAY

GRAMMAR : 1. TENSES

WRITING : 1. ADVERTISEMENTS

2. POSTERS
3. SPEECH/DEBATE

READING COMPREHENSION : 1. UNSEEN PASSAGES

PHYSICAL EDUCATION :

- 1.CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
- 2.OLYMPISIM
- 3.YOGA
- 4.PHYSICAL EDUCATION AND SPORTS FOR CWSN
- 5.PHYSICAL FITNESS,HEALTH AND WELLNESS

INFORMATION TECHNOLOGY/COMPUTER SCIENCE

- 1.GETTING STARTED WITH PYTHON
- 2.PYTHON FUNDAMENTAL
- 3.DATA HANDLING
4. INTRODUCTION TO PYTHON MODULES
- 5.STRING MANIPULATION
- 6.LIST MANIPULATION
- 7.TUPLES