

**LT. COL. MEHAR LITTLE ANGELS SR. SEC. SCHOOL**  
**SYLLABUS FOR HALF YEARLY EXAMINATION (2025-2026)**  
**CLASS XI (SCIENCE)**

<b>SUBJECT</b>	<b>NAME OF SUBJECT TEACHER</b>
English	Ms. Shilpa Arora
Mathematics	Ms. Kawalpreet
Computer Sci.	Ms. Navita
Physics	Mr. Deepak Vij
Chemistry	Mr. Imran
Biology	Ms. Meenu
Physical Ed.	Mr. Surya
Home Science	Ms. Urvinder Kaur

**ENGLISH**

**Reading Skills:**

- Unseen Passages
- Note Making and Summarization

**Grammar**

- Gap filling
- Re-ordering

**Writing Skills**

- Classified Advertisements
- Poster
- Speech
- Debate

**Literature**

**Hornbill:**

- The Portrait of a Lady (Prose)
- “We’re Not Afraid to Die... if We Can Be Together
- A Photograph (Poem)
- The Laburnum Top (Poem)
- The Voice of the Rain (Poem)

**Snapshots:**

- The Summer of the Beautiful White Horse (Prose)
- The Address (Prose)

## **MATHEMATICS**

- Chapter 1 - Sets
- Chapter 2 - Relations and functions
- Chapter 3 - Trigonometry functions
- Chapter 4 - Complex numbers
- Chapter 5 - Linear inequality
- Chapter 6 - Permutations and Combinations
- Chapter 7 - Binomial theorem.

## **BIOLOGY**

Unit 1 ,

Ch 1 The living world

Ch 2. Biological classification

Ch 3 Plant kingdom

Ch 4 Animal kingdom

Unit 2

Ch 5 Morphology of Flowering plants

Ch 6 Anatomy of Flowering plants

## **COMPUTER SCIENCE**

Ch-1 Computer System Organisation

Ch-2 Getting started with python

Ch-3: Python Programming Fundamentals

Ch-4: Conditional and Looping Constructs

Ch-5 Strings

## **PHYSICS**

Unit 1: Units and Dimensions

Unit 2: Kinematics

Unit 3: Laws of motion

Unit 4: Work Energy Power

Unit 5: Rotational kinematics

## **CHEMISTRY**

Chapter No. 1 Some Basic Concepts of Chemistry.

Chapter No. 2 Structure of Atom.

Chapter No. 3 Classification of Elements and Periodicity in Properties.

Chapter No. 4: Chemical Bonding & Molecular Structure.

### **HOME SCIENCE**

Chapter 1 – Introduction to Home Science

Chapter 2 – Understanding the Self

Chapter 3 – Food, Nutrition, Health and Fitness

Chapter 4 – Management of Resources

Chapter 5 – Fabric Around Us

Chapter 6 – Media, Communication and Technology

Chapter 7-A – Nutrition, Health and Hygiene

Chapter 7-B – Resource Availability and Management

### **PHYSICAL EDUCATION**

Ch-1 Changing trends and Careers in Physical Education

Ch-2 Olympism value education

Ch-3 Yoga

Ch-4 Physical Education and Sports for CWSN

Ch-5 Physical Fitness wellness and Lifestyle