

**ST. THOMAS SCHOOL, LONI**  
**SYLLABUS 2025- 2026**  
**HALF YEARLY**  
**CLASS: XI- SCIENCE**

**Prescribed Books: 1) Hornbill**

**2) Snapshots**

**Publisher- NCERT**

Reading Comprehension-

1. Unseen passage- (The passage may be factual, descriptive or literary/discursive or persuasive)
2. Note-making

Advanced Writing Skills

1. Long Composition- Speech
2. Short Writing – Poster
3. Long Composition- Debate

Grammar

1. Re-ordering of Sentences
2. Clauses
3. Tenses

Literature- Questions based on extracts/texts to assess comprehension and appreciation, analysis, inference and extrapolation

Book- **Hornbill**

Prose-

1. The Portrait of a Lady
2. “We’re Not Afraid to Die... if We Can Be Together
3. Discovering Tut: The Saga Continues

Poems

- 1 A Photograph
2. The Laburnum Top
3. The Voice of the Rain
4. Childhood

Book- **Snapshots**

1. The Address (Prose)
2. The Summer of the Beautiful White Horse (Prose)
3. Mother’s Day (Play)

## **PHYSICS**

<b>CHAPTER NUMBER</b>	<b>CHAPTER NAME</b>
Chapter - 1	Units and Measurements
Chapter - 2	Motion in a straight line
Chapter -3	Motion in a plane
Chapter - 4	Laws of Motion
Chapter - 5	Work, Energy and Power

## **CHEMISTRY**

### **BOOK-NCERT TEXT BOOK-CHEMISTRY PUBLISHERS-NCERT**

Chapter-1	Some Basic Concepts of Chemistry
Chapter-2	Structure of Atom
Chapter-3	Classification of Elements and Periodicity in properties
Chapter-4	Chemical Bonding and Molecular Structure
Chapter-7	Redox Reactions

## **BIOLOGY**

### **TEXT BOOK-BIOLOGY PUBLISHERS-NCERT**

Chapter-1	The living world
Chapter-2	Biological classification
Chapter-3	Plant kingdom
Chapter-4	Animal kingdom
Chapter-5	Morphology of flowering plants
Chapter-7	Structural organization in animals
Chapter-8	Cell-The unit of life

## **MATHEMATICS**

**Main course book: N.C.E.R.T**

**Reference Book: R. D. SHARMA**

CHAPTER NO.	CHAPTER NAME
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

## **WEB APPLICATION**

CHAPTER NUMBER	CHAPTER NAME
Part A: Unit 1	Communication Skills-III
Part A:Unit 2	Self-Management Skills-III
Part A:Unit 3	ICT Skills-III
Part A: Unit 4	Entrepreneurial Skills-III
Part B: Unit 1	Basics Of Networking
Part B: Unit 2	Website Building Using Html and Css

## **PAINTING**

**Book: Panoramic Indian painting**

**Publisher: Vishal Publication**

### **Unit-1**

Pre-historic rock paintings and art of Indus Valley

### **Unit-2**

Buddhist, Jain and Hindu Art

## **CARNATIC MUSIC**

**TEXT BOOK- SOUTH INDIAN MUSIC BOOK BY SAMBAMOORTHY**

**PUBLISHER- INDIAN MUSIC PUBLISHING HOUSE, MADRAS**

S.NO	TOPICS
1	Biographies – Tyagaraja, Muthuswami Dikshitar, Syamashastri, Annamacharya, Kshetrajna

2	Nada, Sruti, Tala, and Swara
3	Lakshana Grandhas - Sangita Saramrita, Sangita Sampradaya Pradarsini.
4	Musical Forms - Kriti, Padam, Javali, Tiruppugazh, Ragamalika.
5	Raga Classification
6	Sarali Varisas

## **PSYCHOLOGY**

### **MAIN COURSE BOOK:**

### **PSYCHOLOGY NCERT**

UNITS	CHAPTER
1	What is Psychology?
2	Methods of Enquiry in Psychology.
3	Human Development
6	Human Memory

## **PHYSICAL ACTIVITY TRAINER**

### **Book: Physical Activity Trainer (Fullmarks)**

- Unit 1: Role of Physical Education in child development
- Unit 2: Props and equipment
- Unit 3 : Hygiene and safety

## **HINDI**

### **पाठ्यपुस्तक – 1. अंतरा भाग-1 (NCERT )**

#### **2. अंतराल भाग-1 (NCERT )**

#### **3. अभिव्यक्ति और माध्यम (NCERT )**

अंतरा भाग -1	
गद्य खंड	
1.	प्रेमचंद -ईदगाह
2	अमरकांत - दोपहर का भोजन
3.	हरिशंकर परसाई – टार्च बेचनेवाले
4.	रांगेय राघव - गूँगे
काव्य खंड	
1.	कबीर - अरे इन दोहन राह न पाई
	बालम आवो हमारे गेह रे

2.	सूरदास - खेलन में को काको गुसैयाँ
	मुरली तऊ गोपालहिं भावति
3.	देव -हँसी की चोट
	सपना
	दरबार
4.	सुमित्रानंदन पंत - संध्या के बाद
<b>अंतराल भाग-1</b>	
1.	हुसैन की कहानी अपनी ज़बानी - मकबूल फ़िदा हुसैन
<b>अभिव्यक्ति और माध्यम</b>	
1.	जनसंचार माध्यम और लेखन
2.	पत्रकारिता के विभिन्न आयाम
9.	डायरी लिखने की कला
लेखन कौशल	दृश्य लेखन , औपचारिक पत्र , कार्यसूची / कार्यवृत्त से सम्बंधित व्यवहारिक लेखन , अपठित गद्यांश -पद्यांश