

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

ENGLISH

Prescribed Books: 1) Hornbill

2) Snapshots

Publisher- NCERT

Reading Comprehension-

Unseen passage- (The passage may be factual, descriptive or literary/discursive or persuasive)

Note-making

Advanced Writing Skills

Long Composition- Speech

Short Writing – Poster

Long Composition- Debate

Grammar

Re-ordering of Sentences

Clauses

Tenses

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

Book- **Hornbill**

Prose-

The Portrait of a Lady

“We’re Not Afraid to Die... if We Can Be Together

Discovering Tut: The Saga Continues

Poems

A Photograph

The Laburnum Top

The Voice of the Rain

Childhood

Book- **Snapshots**

The Address (Prose)

The Summer of the Beautiful White Horse (Prose)

Mother's Day (Play)

PHYSICS

| CHAPTER NUMBER | CHAPTER NAME |
|----------------|---|
| 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 |
| Chapter - 6 | System of particles and Rotational Motion (Centre of mass and Torque) |

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 |
| अंतराल भाग-1 | |
| 1. | हुसैन की कहानी अपनी ज़बानी - मकबूल फ़िदा हुसैन |
| अभिव्यक्ति और माध्यम | |
| 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 |