

ST. THOMAS SCHOOL, LONI
SESSION – 2025-26
CLASS- XII
PREBOARD SYLLABUS

ENGLISH

Textbooks- FLAMINGO

VISTAS

(SUPPLEMENTARY READER)

Publisher- NCERT

Reading Comprehension-

1. Unseen passage- (The passage may be factual, descriptive or literary/discursive or persuasive)
2. Case based passage with verbal/visual inputs like statistical data, charts etc.

Creative Writing Skills

1. Notice
2. Invitation
3. Job Application
4. Report Writing

Book- Flamingo

1. Poets and Pancakes
2. The Interview
3. Going Places
4. Deep Water
5. Lost Spring
6. Rattrap
7. Indigo

Poem

1. Keeping Quiet
2. Thing of Beauty
3. A Roadside Stand
4. Aunt Jennifer's Tigers

Book- Vistas

1. The Enemy
2. The Third Level
3. Journey to the end of the Earth
4. On the Face of It
5. Memories of Childhood

PHYSICS

Textbook- NCERT

Publisher- NCERT

S.NO	CHAPTER NUMBER	CHAPTER NAME
1.	Chapter - 1	Electric Charges and Fields
2.	Chapter - 2	Electric Potential and Capacitance
3.	Chapter -3	Current Electricity
4.	Chapter - 4	Moving Charges and Magnetism
5.	Chapter - 5	Magnetism and Matter
6.	Chapter - 6	Electromagnetic Induction
7.	Chapter -7	Alternating Current
8.	Chapter- 9	Ray Optics and Optical Instruments
9.	Chapter -12	Atoms
10.	Chapter - 13	Nuclei

CHEMISTRY

Textbook- NCERT

Publisher- NCERT

Chapter-1	Solutions
Chapter-2	Electrochemistry
Chapter-3	Chemical Kinetics
Chapter-4	d and f Block elements
Chapter-5	Coordination Compounds
Chapter-6	Haloalkanes and Haloarenes
Chapter-7	Alcohols Phenols and Ethers
Chapter-10	Biomolecules

BIOLOGY

TEXT BOOK-BIOLOGY

PUBLISHER-NCERT

Chapter-1	Sexual Reproduction in Flowering Plants
Chapter-2	Human Reproduction
Chapter-4	Principles of Inheritance and Variation
Chapter-5	Molecular Basis of Inheritance
Chapter-7	Human Health and Diseases
Chapter-8	Microbes In Human Welfare
Chapter-9	Biotechnology: Principles And Processes
Chapter-10	Biotechnology And Its Applications
Chapter-11	Organisms And Populations
Chapter-12	Ecosystem
Chapter-13	Biodiversity and conservation

MATHS
TEXT BOOK-MATHS
PUBLISHER-NCERT

S.NO	CHAPTER NUMBER	CHAPTER NAME
1.	Chapter - 1	Relations and Functions
2.	Chapter - 4	Determinants
3.	Chapter - 5	Continuity and Differentiability
4.	Chapter - 6	Application of Derivatives
5.	Chapter - 8	Application of Integrals
6.	Chapter-9	Differential Equations
7.	Chapter –10	Vector Algebra
8.	Chapter -11	Three-Dimensional Geometry
9.	Chapter -12	Linear Programming
10.	Chapter - 13	Probability

COMPUTER SCIENCE

Book Name: Computer Science with Python (2025 Edition)

Publisher: Sultan Chand

S.NO	CHAPTER NUMBER	CHAPTER NAME
1.	Unit I	Computational Thinking and programming -2
2.	Unit II	Computer Network
3.	Unit III	Database Concept and My SQL

PAINTING

S.No	CHAPTER NUMBER	CHAPTER NAME
1	Chapter -1	Introduction to miniature painting
2	Chapter – 1	The Rajasthani Schools of Miniature Painting
3	Chapter -2	The Pahari Schools of Miniature Painting
4	Chapter -3	The Mughal Schools of Miniature Painting
5	Chapter- 4	The Deccan Schools of Miniature Painting
6	Chapter -5	The Bengal School of Painting
7	Chapter - 6	The Modern Trends in Indian Art

PHYSICAL EDUCATION

CH-1	MANAGEMENT OF SPORTING EVENTS
CH-2	CHILDREN AND WOMENS IN SPORTS
CH-3	YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE
CH-4	PHYSICAL EDUCATION & SPORTS FOR CWSN
CH-5	SPORTS & NUTRITION
CH-6	TEST & MEASUREMENT IN SPORTS
CH-7	PHYSIOLOGY & INJURIES IN SPORTS
CH-8	BIOMECHANICS AND SPORTS
CH-9	PSYCHOLOGY AND SPORTS
CH-10	TRAINING IN SPORTS

PSYCHOLOGY

CH.No	CHAPTER NAME
1	VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES
2	SELF AND PERSONALITY
3	PSYCHOLOGICAL DISORDERS
4	PSYCHOLOGICAL DISORDERS
5	ATTITUDE AND SOCIAL COGNITION

CARNATIC MUSIC

TEXT BOOK- SOUTH INDIAN MUSIC BOOK BY SAMBAMOORTHY

PUBLISHER- INDIAN MUSIC PUBLISHING HOUSE, MADRAS

S.NO	TOPICS
1.	BIOGRAPHIES – ANNAMACHARYA, KSHETRAJNA, SWATI TIRUNAL, GOPAL KRISHNA BHARATI, PATNAM SUBHRAMANYA IYER, MYSORE VASUDEVACHAR, RAMNAD SRINIVASA IYENGAR, MAHA VAIDYANATH IYER
2.	LAKSHANA GRANDHAS – SANGITA SARAMRITA, SANGITA SAMPRADAYA PRADARSHINI, SVARAMELAKALANIDHI, RAGA VIBODHA, BRIHADSESI
3.	MUSICAL FORMS – KRITI, PADAM, JAVALI, TIRUPPUGAZH, RAGAMALIKA
4.	RAGA CLASSIFICATION
5.	CLASSIFICATION OF MUSICAL INSTRUMENTS
6.	RAGA LAKSHANAS – MOHANAM, PANTUVARALI, KEERAVANI, KEDARAGOULA, TODI, NATA, GOULA, SRI, SAVERI, RITIGOULA
7.	DEFINITION - JANAKA RAGA, JANYA RAGA, UPANGA, VARJA, VAKRA RAGAS, ARUDI, EDUPPU, PRABHANDHAM, GRAMA, MURCHANA, JAATI
8.	MANODHARMA SANGITAM
9.	DRAW TANPURA AND EXPLAIN IT'S PARTS
10.	RAGA LAKSHANAS – MOHANAM, PANTUVARALI, KEERAVANI, KEDARAGOULA, TODI, NATA, GOULA, SRI, SAVERI, RITIGOULA
11.	BRIEF DESCRIPTION OF CONCERT INSTRUMENTS, THEIR CONSTRUCTION AND TECHNIQUES OF PLAYING

HINDI

पाठ्यपुस्तक – 1. अंतरा भाग-2 (NCERT)

2. अंतराल भाग-2 (NCERT)

3. अभिव्यक्ति और माध्यम (NCERT)

अंतरा भाग -2		
काव्य खंड		
1.	जयशंकर प्रसाद - (क) देवसेना का गीत (ख) कार्नेलिया का गीत	
2.	हरिशंकर सूर्यकांत त्रिपाठी 'निराला' (ख) सरोज स्मृति	
3.	सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' (क) यह दीप अकेला	(ख) मैंने देखा , एक बूँद
4.	केदारनाथ सिंह - (क) बनारस	(ख) दिशा
6.	रघुवीर सहाय - (क) वसंत आया	(ख) तोड़ो
7.	तुलसीदास - (क) भरत राम का प्रेम	(ख) पद
8.	मलिक मुहम्मद जायसी - बारहमासा	
9.	विद्यापति - पद	
11.	घनानंद - कवित्त / सवैया	
गद्य खंड		
1.	रामचंद्र शुक्ल - प्रेमघन की छाया - स्मृति	
2.	पंडित चंद्रधर शर्मा गुलेरी - सुमिरिनी के मनके	
4.	फणीश्वरनाथ 'रेणु' - संवदिया	
5.	भीष्म साहनी - गाँधी , नेहरू और यास्सेर अराफात	
6.	असगर वजाहत - शेर , पहचान , चार हाथ , साझा	
7.	निर्मल वर्मा - जहाँ कोई वापसी नहीं	
9.	ममता कालिया - दूसरा देवदास	
10.	हज़ारी प्रसाद द्विवेदी – कुटज	
अंतराल भाग-2		
1.	सूरदास की झोंपड़ी (प्रेमचंद)	
3.	बिस्कोहर की माटी (विश्वनाथ त्रिपाठी)	
4.	अपना मालवा - खाऊ -उजाड़ सभ्यता में (प्रभाष जोशी)	
अभिव्यक्ति और माध्यम		
1.	विभिन्न माध्यमों के लिए लेखन	
2.	पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया	
5.	विशेष लेखन स्वरूप और प्रकार	
6.	कैसे बनती है कविता	
7.	नाटक लिखने के व्याकरण	
8.	कैसे लिखें कहानी	
9.	नए और अप्रत्याशित विषयों पर लेखन	
लेखन कौशल	अपठित गद्यांश -पद्यांश , नए और अप्रत्याशित विषयों पर लेखन	