

ST. THOMAS SCHOOL, LONI
SESSION: 2026-27
SYLLABUS
CLASS: XI
HALF YEARLY

ENGLISH	2
CHEMISTRY	2
PHYSICS	3
MATH	3
APPLIED MATH	3
BIOLOGY	4
ACCOUNTANCY	4
BUSINESS STUDIES	4
ECONOMICS	5
HISTORY	5
GEOGRAPHY	6
POLITICAL SCIENCE	6
LEGAL STUDIES	7
HINDI	7
PHYSICAL ACTIVITY TRAINER	8
YOGA	8
COMPUTER SCIENCE	8
WEB APPLICATION	9
CARNATIC MUSIC	9
PSYCHOLOGY	9
PAINTING	10

ENGLISH

BOOKS PRESCRIBED

- **HORNBILL**
- **SNAPSHOTS**
 - ✓ Reading Comprehension Passage with variety of competency-based questions as per the Board exams will be included in every term.
 - ✓ Theme inference, value based and extrapolatory questions will be a part of literature section.
 - ✓ **DICTATION & WORD MEANINGS** will be assessed after each chapter.
 - ✓ Advanced grammar topics will be dealt according to the level of students in each branch during UTs and Internal Assessments.

S. NO.	GENRE	CHAPTER NAME
1	Autobiography	The Portrait Of A Lady
2	Article	Discovering Tut
3	Autobiography	We're Not Afraid To Die...
4	Poem	A Photograph
5	Poem	The Voice Of The Rain
6	Fiction	The Summer Of The Beautiful White Horse
7	Historical Fiction	The Address
READING		Note Making & Summarising
GRAMMAR		Tenses, Sentence Reordering, Clauses
WRITING		Poster, Speech, Debate
TERM ACTIVITY		ASL, Assessment of verbal, individual Dictation & word meaning along with a speaking and listening activity.

CHEMISTRY

Chapter No.	Chapter Name
1	Some Basic Concepts of Chemistry
2	Structure of Atom
3	Classification of elements and Periodicity in Properties
4	Chemical Bonding & Molecular structure
7	Redox Reactions

PHYSICS

CHAPTER No.	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)

MATH

Chapter No.	Chapter Name
Chapter – 1	Sets
Chapter – 2	Relations and Functions
Chapter -3	Trigonometric Functions
Chapter -4	Complex Numbers
Chapter -5	Linear Inequalities
Chapter -6	Permutations and Combinations
Chapter-7	Binomial Theorem
Chapter -8	Sequences and Series

APPLIED MATH

Chapter	Chapter Name
1	Numbers
2	Indices and Logarithms
3	Quantative Aptitude
5	Sets And Relations
6	Sequences and Series
7	Permutations and Combinations
8	Logical Reasoning
9	Functions

BIOLOGY

Chapter No.	Chapter Name
Chapter-1	The Living world
Chapter-2	Biological classification
Chapter-3	Plant kingdom
Chapter-4	Animal Kingdom
Chapter-5	Morphology of flowering plants
Chapter-6	Anatomy of flowering plants
Chapter-7	Structural organization in animals
Chapter-8	Cell-The unit of life
Chapter-10	Cell cycle and cell division

ACCOUNTANCY

Chapter No.	Chapter Name
1	Meaning and Objectives of Accounting
2	Basic Accounting Terms
3	Accounting Principles
4	Process and Bases of Accounting
5	Accounting Standards
6	Accounting Equations
7	Double Entry System
8	Origin of Transactions: Source Documents
9	Books of Original Entry – Journal
10	Accounting for Goods and Services Tax (GST)
11	Books of Original Entry – Cash Book
12	Books of Original Entry – Special Purpose Subsidiary Books
13	Ledger

BUSINESS STUDIES

Unit No.	Chapter Name
1	Nature & Purpose of Business
2	Forms of Business Organisations
3	Private, Public & Global Enterprises
4	Buisness Services
5	Emerging Modes of Business
6	Social Responsibility of Business & Business Ethics

ECONOMICS

STATISTICS	
CHAPTER NO.	CHAPTER NAME
1	Economics : An introduction
2	Meaning, scope and importance of Statistics
3	Collection of data
4	Organisation of data
5	Tabular presentation
6	Diagrammatic presentation
7	Graphic presentation
11	Index numbers
MICRO ECONOMICS	
1	Introduction
2	Consumer's Equilibrium
3	Demand
4	Elasticity of demand

HISTORY

Theme -1	Writing And City Life
Theme -2	An Empire Across Three Continents
Theme -3	Nomadic Empires
Theme -4	The Three Orders

MAP WORK:

Page No	MAPS
10	Black Sea, Egypt, Desert of Arabia, Caspian Sea, Aral Sea, Arabian sea, Persian Gulf, Iran, Turkey, Red Sea, Nile, Tigris, Euphrates
11	Mari, Ur, Uruk
39	Adriatic Sea, Aegean Sea, Sahara Desert, Rhine, Danube, Rome, Constantinople, Naples, Black Sea, Egypt, Desert of Arabia, Caspian Sea, Aral Sea, Arabian sea, Persian Gulf, Iran, Turkey, Red Sea, Nile, Tigris, Euphrates
60	Mongolia, China, Tibet, Nishapur, Herat, Bukhara, Samarkand, Russia, Indian Ocean
87	Portugal. Spain, Gaul, Madrid, Normandy, England, Scotland, London, Austria, Burgandy, Paris, Vienna, Rome, English Channel

GEOGRAPHY

CHAPTER NO.	NAME OF THE CHAPTER
(Book -1) 1	Geography as a Discipline
2	The Origin and Evolution of the Earth
3	Interior of the Earth
4	Distribution of Oceans and Continents
5	Geomorphic Processes
6	Landforms and Their Evolution
7	Composition and Structure of Atmosphere
(Book-2) 1	India: Location
2	Structure and Physiography
3	Drainage System

MAP SYLLABUS: AS PER THE CBSE

POLITICAL SCIENCE

BOOK/CHAPTER NO.	CHAPTER NAME
Part A: Ch - 1	Constitution: Why and How?
Part A: Ch - 2	Rights in the Indian Constitution
Part A: Ch - 3	Election and Representation
Part A: Ch - 4	Executive
Part A: Ch - 5	Legislature
Part B: Ch - 1	Political Theory: An Introduction
Part B: Ch - 2	Freedom
Part B: Ch - 3	Equality
Part B: Ch - 4	Social Justice

LEGAL STUDIES

Textbook: Legal Studies

Publisher- CBSE

UNIT 1 INTRODUCTION TO POLITICAL INSTITUTIONS	
Chapter 1	Concept of State
Chapter 2	Forms and Organs of Government
Chapter 3	Separation of Powers
UNIT 2 BASIC FEATURES OF THE CONSTITUTION OF INDIA	
Chapter 1	Salient Features of the Constitution of India
Chapter 2	Administrative law
UNIT 3 JURISPRUDENCE, NATURE AND SOURCES OF LAW	
Chapter 1	Jurisprudence, Nature and Meaning of Law
Chapter 2	Classification of Laws
Chapter 3	Sources of Laws
Chapter 4	Law Reform
Chapter 5	Cyber Laws, Safety and Security in India

HINDI

अर्धवार्षिक परीक्षा

अंतरा/ अंतराल भाग -1		अभिव्यक्ति और माध्यम
1.	प्रेमचंद -ईदगाह	जनसंचार माध्यम और लेखन
2	अमरकांत - दोपहर का भोजन	पत्रकारिता के विभिन्न आयाम
3.	हरिशंकर परसाई - टार्च बेचनेवाले	डायरी लिखने की कला

PHYSICAL ACTIVITY TRAINER

UNIT NO.	UNIT NAME
1	Role of Physical Education in Child Development
2	Props and Equipment
3	Hygiene and Safety
1	Communication Skills-III
2	Self-management Skills- III
3	Information and Communication Technology Skills- III

YOGA

Chapter Number	Chapter Name
Subject Specific Book	
Unit 1	<p>Introduction to Yoga and Yogic Practices – I</p> <ul style="list-style-type: none">• Yoga Etymology, definition, Aim, objective and misconception text• Yoga origin, history and development• Rules and regulations to be followed by yoga practitioners• Introduction to Major schools of Yoga (Janan, Yoga Bhakti, Yoga Karma, Patanjali, Hatha)• Introduction to yogic practices (Sukshama Vyayama, Surya Namaskar and Asanas)

COMPUTER SCIENCE

Unit No.	Chapter Name
3	Getting started with Python
4	Python Programming Fundamentals
5	Conditional and Looping Statements
6	Strings in Python
7	List in Python

WEB APPLICATION

Chapter Number	Chapter Name
Employability Skills	
Unit 1	Communication Skills-IV
Unit 3	ICT Skills-IV
Subject Specific Book	
Unit 1	Basics of Networking
Unit 2	Website Building Using HTML and CSS
Unit 4	JavaScript Part 1

CARNATIC MUSIC

S.NO	TOPICS
1.	Short life sketch and contributions of the following: Annamacharya, Kshetrajna, Swati Tirunal,
2.	A study of musical forms: Kriti, Padam, Javali.
3.	Definition and explanation of the following:- Janaka- Janyaragas, Bhashanga, Upanga, Varja, Vakra ragas.
4.	Lakshanas of the ragas prescribed in practical activity - Pantuvarali, Todi,

PSYCHOLOGY

Chapter No.	Chapter Name
1	Introduction of Psychology
3	Human Development
5	Learning
6	Memory
8	Motivation and Emotions

PAINTING

TEXTBOOK: PANORAMIC INDIAN PAINTING

PUBLISHER: VISHAL PUBLICATION

CHAPTER	CHAPTER NAME
CHAPTER-1	PRE-HISTORIC ROCK PAINTINGS <ul style="list-style-type: none">• INTRODUCTION• STUDY OF METHOD AND MATERIALS AND APPRECIATION OF PRE-HISTORIC PAINTING<ul style="list-style-type: none">• WIZARD'S DANCE
CHAPTER -2	ART OF INDUS VALLEY CIVILIZATION <ul style="list-style-type: none">• INTRODUCTION• STUDY OF METHOD AND MATERIALS AND APPRECIATION OF SCULPTURE AND TERRACOTTAS<ul style="list-style-type: none">• DANCING GIRL• MALE TORSO• MOTHER GODDESS• STUDY OF METHOD AND MATERIALS AND APPRECIATION OF SEAL<ul style="list-style-type: none">• BULL SEAL• DECORATION ON EARTHEN WARES
CHAPTER-3	BUDDHIST, JAIN AND HINDU ART <ul style="list-style-type: none">• GENERAL INTRODUCTION TO MAURYAN ART, SHUNGA, KUSHANA AND GUPTA PERIOD• STUDY OF METHOD AND MATERIALS AND APPRECIATION OF THE SCULPTURES<ul style="list-style-type: none">• LION CAPITAL• CHAURI BEARER• SEATED BUDDHA FROM KATRA MOUND• JAIN TIRATHANKARA
CHAPTER-4	ART OF AJANTA <ul style="list-style-type: none">• INTRODUCTION OF AJANTA• STUDY OF METHOD AND MATERIALS AND APPRECIATION OF THE SCULPTURES<ul style="list-style-type: none">• PADMAPANI BODHISATVA