

**ST. FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS X  
ACADEMIC SESSION 2025 - 26  
ENGLISH LANGUAGE**

**PRESCRIBED TEXTBOOK: PEARLS OF ENGLISH LANGUAGE**

HALF YEARLY		REHEARSAL	
CHAPTER	TOPICS	CHAPTER	TOPICS
1	Compositions	1	Compositions
2	Formal and Informal Letter	2	Formal and Informal Letter
3	Notice and E-mail Writing	3	Notice and E-mail Writing
4	Comprehension	4	Comprehension
5	Functional Grammar	5	Functional Grammar
6	Test Papers 1-15	6	Test Papers 16-25
7	Aural and Oral English	7	Aural and Oral English
8	Activity	8	Activity
9	ELSA	9	ELSA
Financial Literacy	You have opened a bank account		Listening Comprehension

**SYLLABUS FOR UNIT TEST**

Will be notified by the subject teacher at the appropriate time

**ST. FRANCIS XAVIER SCHOOL  
 SYLLABUS FOR CLASS X  
 ACADEMIC SESSION 2025 - 26  
 SUBJECT : ENGLISH LITERATURE  
 PRESCRIBED TEXTBOOKS: JULIUS CAESAR AND TREASURE CHEST**

HALF-YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
<b>Treasure Chest</b>	1. With the Photographer 2. The Elevator 3. The Girl Who Can 4. Haunted Houses 5. The Glove and the Lions 6. When Great Trees fall	<b>Treasure Chest</b>	1. The Pedestrian 2. The Last Lesson 3. A Considerable Speck 4. The Power of Music
<b>Julius Caesar</b>	Act III and Act IV	<b>Julius Caesar</b>	Act V
PROJECT TOPIC: Closely referring to 'The Girl who Can' describe how the story is given a realistic shape with the help of its narrative technique : Ist project :on or before 16.08.2025		PROJECT TOPIC : Referring closely to 'Julius Caesar' discuss the idea: Antony's survival proved fatal for the conspirators. Final :on or before 24.01.2026 Entire syllabus for class X to be included	

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS --X**  
**ACADEMIC SESSION 2025 - 26**  
**SUBJECT : HINDI**  
**PRESCRIBED TEXT BOOK : साहित्य सागर, आदर्श हिंदी व्याकरण**

HALF YEARLY			REHEARSAL		
CHAPTER	NO./TITLE	TOPICS	CHAPTER	NO./TITLE	TOPICS
संक्षिप्त कहानियां			संक्षिप्त कहानियां		
7	संदेह-जयशंकर प्रसाद		10		दो कलाकार- मन्नू भंडारी
9	भेड़ें और भेड़िए - हरिशंकर परसाई				
पद्य			पद्य		
7	विनय के पद - तुलसीदास		9		चलना हमारा काम है -शिवमंगल सिंह सुमन
8	भिक्षुक -सूर्यकांत त्रिपाठी निराला		10		मातृ मंदिर की ओर- सुभद्रा कुमारी चौहान
					Whole syllabus of class IX and X.
व्याकरण					
	अशुद्ध वाक्य को शुद्ध करना			अशुद्ध वाक्य को शुद्ध करना	
	मुहावरों का वाक्य में प्रयोग			मुहावरों का वाक्य में प्रयोग	
	पर्यायवाची शब्द, विलोम शब्द			पर्यायवाची शब्द, विलोम शब्द	
	अनेक शब्दों के लिए एक शब्द			अनेक शब्दों के लिए एक शब्द	
	भाववाचक संज्ञा बनाना			भाववाचक संज्ञा बनाना	
	निबंध लेखन			निबंध लेखन	
	अपठित गद्यांश			अपठित गद्यांश	
	पत्र लेखन			पत्र लेखन	

PROJECT TOPICS: सूरदास को वात्सल्य सम्राट माना जाता है I  
सूरदास के पदों के आधार पर स्पष्ट करें I

PROJECT TOPICS : दो कलाकार कहानी के आधार पर चित्रा और अरुणा का तुलनात्मक अध्ययन करें I

Project submission date on or before : 31.08.25

Project submission date on or before :30.11.25

**SYLLABUS FOR UNIT TEST**

Will be notified by the subject teacher at the appropriate time

**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025- 26**  
**SUBJECT : BENGALI**  
**PRESCRIBED TEXT BOOK : SONKOLITA**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
PROSE		PROSE	
7	দেবতার জন্ম	9	গন্ধটা খুব সন্দেহজনক
8	নীল মানুষের কাহিনী	10	লোকটি
POEM		POEM	
7	ফুল ফুটুক না ফুটুক	9	বাবু বলেন
8	অমলকান্তি	10	খোখো
GRAMMAR		GRAMMAR	
	রচনা,পত্র লিখন ,বিরাম চিহ্নের প্রয়োগ বোধপরীক্ষণ,সমার্থক শব্দ,একই শব্দের ভিন্ন অর্থে প্রয়োগ		রচনা,পত্র লিখন ,সমার্থক শব্দ,একই শব্দের ভিন্ন অর্থে প্রয়োগ বোধপরীক্ষণ,বাক্য পরিবর্তন ,বাচ্য পরিবর্তন,অনুকার অব্যয়
	এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ।		এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ,সাধু চলিত ।
PROJECT TOPIC :	একটি গাছ একটি প্রাণ ' এবিষয়ে তোমার অভিমত।	PROJECT TOPIC :	লোকটি ' গল্প অবলম্বনে কৃপণ আজহারউদ্দিন খাঁ সাহেবের চরিত্রের পরিবর্তন আলোচনা করো ।
Project submission date : (on or before)	31.08.25	Project submission date : (on or before)	30.11.25.

**SYLLABUS FOR UNIT TEST**

Will be notified by the subject teacher at the appropriate time

**ST. FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS X  
ACADEMIC SESSION 2025-26  
SUBJECT :HISTORY AND CIVICS**

**PRESCRIBED TEXT BOOK ICSE MODERN INDIAN HISTORY CONTEMPORARY WORLD AND CIVICS**

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Civics		Civics	
1.The Union Legislature	Federal Set Up,Lok Sabha,Rajya Sabha,Powers  Functions,relation between two houses, Amendment of Constitution.	5. The State Judiciary	Composition,Qualification of judges,Tenure, all powers.
2.The Union Executive	President : election, Term Of Office , Powers.qualification,  Electoral College, Indirect Election,Impeachment, Vice President Qualification,term,powers. Prime Minister,Council of Ministers ,Cabinet, A Coalition, Government,Collective Responsibility. Powers of Council	6. Subordinate Courts	Civil Courts, Criminal Courts,  lok Adalat.
3. Prime Minister, Council,Cabinet		History	
4.The Union judiciary.	The Supreme Court- Composition,functions,powers, Duties,Independence of judiciary.	10 The Last Phase.	Cabinet Mission plan,Interim
History			
1.The First War Of Independence	Causes- political,Social,Religious,Economic, Military causes,Results.	11. The First World War	Government,Mountbatten Plan, Indian Independence Act.-provisions. All causes,All resultsProvisions
2.Factors promoting the Growth of Nationalism	Causes,Precursors of Congress,Foundation of Congress,  Objectives of Congress,Social and Religious Reforms,  Demands of the congress.	12The RISE Of Dictators	Treaty of Versailles. Rise of Fascism in Italy,Nazism in Germany ,causes,ideologies, Similarities.
		13. The Second World War	causes,results.
		14. The United Nations	Purpose ,objectives,principles,  General Assembly, Security  Council,Economic and Social

3.First Phase  
of Indian National

The Early Nationalists,programme ,demands,  
achievements,attitude of Government towards

Movement

Indian National Congress.

4.Second phase Of the  
Movement

Rise of Assertives,partition of bengal,  
Methods and Programmes,Differences with  
Moderates,Contributions of Lal-BAL-Pal,

5 Second Phase of National  
Movement.

Swadeshi Movement,Surat Split.  
Causes,Programme, Impact.

6.Formation of Muslim  
League

Factors responsible for foundation,Aims,  
impact On The Nationa Movement.

7.The National Movement  
Durng First world War

Lucknow pact ,provisions,significance,impact,  
Home Rule movement , Home Rule  
League,formation,function, August Declaration.

8. Mahatma Gandhi and  
National Movement

Life sketch,causes of Non Cooperation  
movement, Programme, impact, Simon  
Commission, Purna swaraj, Civil Disobedience  
movement,causes,programme, results,  
Cripps mission,Attack ofJapan,quit India  
Movement.

9.The National  
Movement 1935-42

PROJECT TOPICS:The UNITED NATIONS -Subtopics mentioned in the  
chapter.

Project submission date 16.8.25

15.Major Agencies of  
U.N.O.

Council, International Court  
Of justice, Secretariat.

UNICEF,WHO,ILO,UNESCO,

Formation,Functions.

16. The Non Aligned

Meaning,Factors responsible for

Movement.

foundation of NAM ,chief  
architects,role of Nehru,objectives  
of NAM,role of NAM in world

affairs,relevance of the  
NON-ALIGNED MOVEMENT.

PROJECT TOPIC UNITED NATION

Project submission date :on or before 15.12.25

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Will be notified by the subject teacher at the appropriate time



**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS - X**  
**ACADEMIC SESSION 2025--26**  
**SUBJECT : MATHEMATICS**

**PRESCRIBED TEXT BOOK : UNDERSTANDING ICSE MATHEMATICS**

<b>HALF YEARLY</b>		<b>REHEARSAL</b>	
<b>Chapter No/Title</b>	<b>Topic</b>	<b>Chapter No/Title</b>	<b>Topic</b>
1. Goods and Service Tax	Problems on G.S.T (FLN)	17. Mensuration	Cylinder ,Cone and Sphere
2. Banking	Problems based on Recurring Deposit	16. Construction	Tangent to a circle
4. Linear Inequation	line		Circumscribed and Inscribed Circle
5. Quadratic Equation	Shreedhar Acharya formula, Roots and nature of roots, problem sums	14. Locus	Construction Principle
		15. Circle	Angle Property
6. Factorization	Remainder Theorem, Factor Theorem		Cyclic Property
10. Reflection	Graphical Method, Invariant Point, Combination of Reflection		Tangent and Secant Property
		3. Share and Dividend	Formula of Dividend
18. Trigonometric Identities	Identities (Proof)		Problems on Share and Dividend
	Angle & Area Principle, Size transformation	12. Equation of Straight Line	
13. Similarity	Section Formula, Collinearity of three points		Different Forms of Equations formation
11. Section Formula			Conditions of parallelism and perpendicularity
8. Matrices	Order of Matrix and Operation on Matrix, Multiplication Rules of two		
	Definition of Probability and Related Problems		
22. Probability			
21. Measures of Central Tendency	Calculating Mean by different Methods, Median of group data with graph (Ogive), Mode of group data with graph (Histogram)		
7. Ratio and Proportion	Basic Introduction, K - method,		

Problems based on Properties of Proportion

20. Heights & Distance      Angle of Elevation & Depression,  
Problems based on Height & Distance

9. Arithmetic and Geometric Progressions      Finding General term, Finding the sum of first n terms

PROJECT TOPIC :

1. Comparing Newspaper coverage by 3 daily News papers in 3 languages for 2 different days.
2. Home Budget

PROJECT TOPIC :      3. Survey of various types of Bank accounts, rates of interest offered.

Project submission date : 15.07.25  
(on or before)

Project submission date : 11.11.25  
(on or before)

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025 - 26**  
**SUBJECT : GEOGRAPHY**  
**PRESCRIBED TEXT BOOK : TOTAL GEOGRAPHY VOLUME I**

CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1,2 &3. Interpretation of Topographical maps	Locating features with the help of a four or six figure Grid reference Definition of Contours, Contour Interval. Identification of landforms marked by Contours (steep slope,gentle slope,hill,ridge,escarpment),spot height,triangulated height,relative height/depth.	14.Agriculture I Types of Farming	Importance, Problems and Benefits and Green Revolution. Subsistence, Commercial,Intensive Agriculture,Extensive Agriculture
4.G43S7	Interpretation of colour tints and conventional symbols		Mixed Farming, Plantation Farming.
G43S10	Definition and Types of Scales Measuring Direct distance and calculating area (full grid square) Marking directions using eight cardinal points and calculating area.	15.Agriculture II Agricultural seasons	Rice, Wheat, Millet, Pulses. Kharif, Rabi, Zayad
	Identify : Site of prominent villages / towns/ types of land use / land cover and means of transport (metalled,unmetalled,cart track,pack track,footpath) and communication with the help of index given at the bottom of the sheet. Drainage(direction of flow and pattern - dendritic, radial ,trellised) and Settlement patterns (clustered, dispersed)	16 &17..Agriculture III &IV Cash Crops	Sugarcane,Oilseeds (ground nut, mustard, soyabean) Cotton , Jute, Tea. Climatic conditions, soil requirements,methods of cultivation and major producing states. Importance and Classification.(large scale,small scale,mineral based, agro based,public and private sector.
5. Map of India	Manmade and Natural features Himalayas Karakorm, Aravali,Vindhya, Satpura,Western	18. Manufacturing Industries Agrobased Industry	Sugar, Cotton, Silk Textile.
		19. Mineral based Industries	Integrated Iron and Steel : (Tata steel, Rourkela, Vishakhapatnam

Mountains,Peaks, Plateaus:	and Eastern Ghats,Nilgiris, Khasi, Mt Godwin Austin (K2),Mt Kanchenjunga Deccan Plateau, Chota Nagpur Plateau	20. Transport	Petrochemical and Electronics (some key centres) relevance in modern world. Roadways- Factors affecting its development,advantages and disadvantages.ExpresswaysNational highways, NSEW corridor and Golden Quadrilateral .Railways-Factors affecting its development, advantages and disadvantages.
Plains	Gangetic Plains, Coastal Plains-(Konkan Malabar,Coromandel, N. Circars)	Importance and Modes	Waterways _Inland and coastal, Airways - Advantages and disadvantages
Desert :	Thar (Great Indian Desert)	21. Waste Management	Advantages and Disadvantages Impact of Waste Accumulation
Rivers:	Indus,Ravi, Beas, Sutlej, Chenab, Jhelum, Ganga Yamuna, Ghaghra, Gomti, Gandak, Kosi, Chambal, Betwa,  Brahmaputra,Narmada,Tapi, Mahanadi,  Godavari, Krishna,Cauveri.	22. Waste Management	Spoilage of Landscape, Pollution, Health hazards. Need of Waste Management Understanding key terms- global warming,acid rain, eutrophication ,biomagnification and thermal pollution Methods of safe disposal -segregation, dumping and composting.
Water bodies:	Gulf of Kutch, Gulf of Kambhat , Gulf of Mannar,Palk Strait, Andaman sea, LakeWular		Methods of Safe Disposal of Waste Needs and Methods of Reducing, Reusing and Recycling Waste.
Passes:	Karakoram.	Map of India	Entire Syllabus
Latitude :	Tropic of Cancer	Entire Syllabus Is Included In Rehearsal Examination.	
Longitude	Standard Meridian (82 <sup>1</sup> / <sub>2</sub> degreeE)		
Direction of Winds	SW Monsoons(Arabian sea branch and Bay of Bengal branch) NE Monsoons, Western disturbances		
Distribution of Minerals	Oil : Mumbai High, Digboi Iron : Singbhum, Coal: Jharia		
Soil Distribution:	Alluvial, Laterite,Black, Red soil		
Cities	Delhi, Mumbai, Kolkata, Chennai, Hyderabad Bengaluru, Kochi,Allahabad.		

Population	Distribution : Dense and Sparse
7. Climate	Distribution of temperature ,rainfall ,winds in summer and winter Factors affecting the climateof india, Monsoons and its mechanism. Seasons:summer,monsoons, retreating monsoons, winter.Temperature and pressure conditions,wind movements, local winds,precipitation and interpretation of climate data.
8 Soil Resources	Types of soil (Alluvial, Black, Red ,Laterite Mode of Formation, distribution, composition,and characteristics (colour, texture, minerals, crops associated. characteristics(colours,texture,minerals,crops associated Soil Erosion- Meaning, agents, causes. Soil Conservation - Importance and methods. Importance of Forests, Types of vegetation, Distribution and
9. Natural Vegetation	Correlation with Environment (tropical evergreen, tropical deciduous, tropical desert,littoral, mountain) #NAME?
10. Water Resources	Sources: Surface and ground water Need For Conservation Rain water Harvesting and its Importance Irrigation : Importance and methods (canal. Well, tubewell,tank,drip and sprinkler irrigation.
11. Mineral and	Iron Ore, Manganese, Copper, Bauxite (two leading states and their prominent mining areas.)
12. EnergyResources	Conventional sources : coal,petroleum,natural gas Uses and disribution,advantages and disadvantages.

Conventional Sources : .coal,petroleum,natural gas : Distribution  
Advantages and Disadvantages  
Bhakra Nangal dam and Hirakud projects:  
Hydel Power: benefits  
13.Non Conventional Sources Solar, Wind, Tidal,Geo thermal,Nuclear, Biogas  
sources : Important areas, Advantages and disadvantages

PROJECT TOPICS: Tourist Spot In India OR Transport In India

on or before 17.08.25

PROJECT TOPICS: Tourist Spot In India OR Transport In India

Final :on or before 30.11.25

**SYLLABUS FOR UNIT TEST**

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025 - 26**  
**SUBJECT: PHYSICS**  
**PRESCRIBED TEXT BOOK : CONCISE PHYSICS**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1 Force	Moment of force, equilibrium and its types, centre of gravity, uniform circular motion	9 Household Circuit	Power Supply, Electric Household Appliances
2 Work, Power and Energy	Work, Power and Energy Relation	10 Electro Magnetism	Electric Bell, D.C Motor, A.C. Motor
3 Machines	Lever, Pulleys.	11 Calorimetry	Specific Heat Capacity, Latent Heat
4 Refraction of light at plane Surface	Refraction of light through plane surfaces, rectangular glass block, prism	12 Radioactivity	Properties of alpha, beta and gamma radiation.
5 Refraction of light through Lenses	Convex Lenses , Concave Lenses		
6 Spectrum	Spectrum Analysis		
7 Sound	Vibration, Resonance		
8 Current Electricity	E.M.F, Potential Difference & Resistance		
PROJECT TOPIC :	As per ICSE Syllabus	PROJECT TOPIC :	As per ICSE Syllabus
Project submission date : (on or before)	30.06.25	Project submission date : (on or before)	11.12.25

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025 - 26**  
**SUBJECT : CHEMISTRY**  
**PRESCRIBED TEXT BOOK : ICSE CONCISE CHEMISTRY (SELINA)**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1.Periodic Table, Periodic Properties	Organisation of the Modern Periodic table.	6. Electrolysis	Understanding Electrolysis, electrolysis of molten and dilute solutions, applications of electrolysis.
2. Chemical Bonding	Chemical bonds, types of Chemical bonds, Coordinate bond.	7. Metallurgy	Occurrence of metals, a study of the Chemical reactivity of metals, minerals and ores, extraction of aluminium, alloys.
3. Acids, Bases, Salts	General methods of preparation, uses and properties of acids. General methods of preparation, uses and	4. Analytical Chemistry	Use of Sodium hydroxide and Ammonium hydroxide in detection of cations .
8. Study of Compounds: Hydrogen chloride, Ammonia, Nitric acid,	Lab preparation, properties, identification tests and uses of HCl, NH <sub>3</sub> , HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> .	12. Organic Chemistry	Hydrocarbons, Isomerism, Homologous series, Nomenclature, Study of Alkanes, Alkenes, Alkynes, Alcohols, Carboxylic acids.
5. Mole Concept and Stoichiometry	Gay Lussac's Law of gaseous volumes, Avogadro's Law, Relative molar mass, Avogadro number, molar volume, Mole concept, Percentage composition, Empirical and molecular formula, numericals on stoichiometry.	13. Practical Chemistry	Detection of Gases, action of heat on Compounds, Detection of Anions.
PROJECT TOPIC :	As per ICSE syllabus	PROJECT TOPIC :	As per ICSE syllabus
Project submission date : (on or before)	07.08.25	Project submission date : (on or before)	07.11.25

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025-26**  
**SUBJECT : BIOLOGY**  
**PRESCRIBED TEXT BOOK : ICSE CONCISE BIOLOGY -X**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
5. Transpiration	Process, significance, potometer, factors, guttation, bleeding.	13. The reproductive system	Structure and function of male and female reproductive organ, fertilization, outline of
6. Photosynthesis	Process, significance, structure of chloroplast, light and dark reactions,	15. Population	Terminology, problems faced due to population explosion, method of population control.
4. Absorption by roots	Characteristics of roots, imbibition, diffusion, osmosis, di	16. Pollution	Types and sources of pollution, bio and nonbiodegradable waste, effect of pollution on
8. The circulatory system	Blood composition, structure and working of the heart, blood	1. Cell	Basic structure of a cell, different cell organelles, plant cell and animal cell.
9. The excretory system	Parts of the urinary system, structure and function of the kidney, structure and function of the nephron.	2. Structure of chromosomes, cell cycle and cell division.	Structure of chromosome and DNA, mitosis and its different stages, basic idea of meiosis, differences between mitosis and meiosis.
10. The nervous system	Structure of neuron, types of nervous system, brain, spinal cord, reflex actions, reflex arc and its	3. Genetics	The three laws of Mendel, monohybrid and dihybrid cross, sex determination, Sex linked inheritance and terminology.
11. Sense organs	External structure and function of eye and ear, defects of eye, mechanism of hearing.	7. Chemical coordination in plants.	Effects of different plant hormones, different tropic movements in plants.
12. Endocrine system	Different endocrine gland, structure, function, disorders	14. Human evolution.	Theories of human evolution, vestigial organs, Lamarck's theory, Darwin's theory. Entire Syllabus is included in Rehearsal Examination
PRACTICAL TOPIC :	As per the ICSE syllabus	PROJECT TOPIC :	As per the ICSE syllabus.
Practical lab manual submission date	As per class schedule.	Project submission date :	As per class schedule

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**ST. FRANCIS XAVIER SCHOOL  
SYLLABUS FOR CLASS X  
ACADEMIC SESSION 2025 - 26  
COMPUTER APPLICATIONS**

**PRESCRIBED TEXT BOOK : Understanding ICSE COMPUTER APPLICATIONS with BlueJ**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
4. String Handling	Idea of String, String functions	2. Library Classes	Java Packages, Wrapper Class, Methods of Wrapper Classes, Autoboxing, Unboxing
5. User - Defined Methods	Syntax of Method, Defining a Method, Invoking a Method, Pass by value, call by reference, Pure and Impure function, Function Overloading.	6. Class as the Basis of all Computation (Objects and Classes)	Objects and Classes, Software object and class, User defined and Primitive data types, Access specifiers, Instance variable, Class variable and Local variable, Static data member, This keyword.
3. Arrays (Single Dimensional and Double Dimensional)	Need of Array, declaring an array, Single and Double dimensional array, linear searching, Binary searching, Bubble sorting, Selection sorting, Insertion, Deletion,	8. Encapsulation and Inheritance	Data hiding, scope of variables, Inheritance, Visibility mode of Inheritance, Base class, Types of Inheritance.
7. Constructors	Need of Constructor, Invoking a Constructor, Features of Constructor, Types of Constructor, Constructor Overloading.	Entire Syllabus is included along with project of total 20 programs.	
PROJECT TOPICS : 10 Programs from if-else, switch-case, Method overloading, string functions, constructors. [Each program should contain VDT and Sample input and output.]		PROJECT TOPICS : 10 Programs from Methods, Arrays, encapsulation and Inheritance, String. [Each program should contain VDT and Sample input and output.]	
Project submission date :	on or before : 14.08.2025	Project submission date :	on or before : 29.11.2025

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS X**  
**ACADEMIC SESSION 2025-26**  
**SUBJECT:ECONOMIC APPLICATIONS**  
**PRESCRIBED TEXT BOOK : FRANK ECONOMIC APPLICATIONS**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Elementary Theory Of Demand	Law of demand,Types,Demand Schedules , Individual demand curve to be distinguished from market demand curve, Determinants of demand, Exceptions,	5.Nature and Structure of Markets	Meaning and types of markets in detail,Features of different types of market.
3.Theory of Supply	Law of supply,Individual supply curves to be distinguished from market supply curve, Determinants of Supply,Exceptions,	6.The State Economic Development	Role of State,fiscal and monetary policy,Problems,types of taxes.
		<b>Financial Lieracy: GST</b>	<b>Goods and Service Tax,Meanings,Rates,Benefits of GST</b>
2.Elasticity of Demand and Supply	Meanings ,Types,Percentage method,Factors affecting Demand and Supply.	9.Central Bank	Functions of RBI-quantitaive and qualitative methods for credit control.
4 .Factors of Production	Land,Labour,Capital,Entrepreneur: (meaning,characteristics,functions,im porrtance)DOL,Capital Formation,	10. Inflation	Meaning and types of inflation in details.Impact of inflation on various economic entities.
		<b>Financial literacy:Economic Depression</b>	<b>Economic Depression,Recession,GDP,Economic cycle</b>

7. Meaning and Functions of Money      Meaning , Secondary and Primary functions.

8. Commercial Banks      Meaning,functions of Commercial Bank,Credit creation,

PROJECT TOPIC :      Prepare a project to understand the concept of :Law of Demand b.Law of supply

Project submission date : (on or before)      25.08.25

PROJECT TOPIC :

FMCG,Survey of the employees working on physical and mental labour,

Project submission date : (on or before)

30.11.25

### **SYLLABUS FOR UNIT TEST**

Will be notified by the subject teacher at the appropriate time

**ST. FRANCIS XAVIER SCHOOL**  
**SUBJECT : PHYSICAL EDUCATION**  
**CLASS – X**  
**SYLLABUS 2025-2026**

HALF YEARLY		REHEARSAL	
TOPICS & COMMANDS	BENEFITS & VALUES	TOPICS & COMMANDS	BENEFITS & VALUES
*General Warm-up	Improving body flexibility	*Stretching exercise	Muscle development
Attention, Stand at Ease	Maintaining discipline during assembly and developing body synchronisation.	Flat race-100m. - 200m.	Improvement of stamina
Left turn, Right Turn , About Turn		March Past Practice	Practice for Biennial Sports
March past		Recreational Games	Imroving stamina and body fitness.
Recreational Games	Imroving stamina and body fitness.		

**ST. FRANCIS XAVIER SCHOOL**  
**SUBJECT : SUPW.**  
**CLASS – X**  
**SYLLABUS 2025-2026**

HALF YEARLY

REHEARSAL

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TOPIC

1. Each one teach one
2. Greeting card making
3. Pen Stand

TOPIC

1. Glass painting
2. Laundry work OR  
Medicinal plants

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\* The marked activities will be continued throughout the session

Project submission date : (on or before) 30.09.25