

**ST. FRANCIS XAVIER SCHOOL  
 SYLLABUS FOR CLASS X  
 ACADEMIC SESSION 2023 - 24  
 SUBJECT : ENGLISH LANGUAGE  
 PRESCRIBED TEXTBOOK: TOTAL ENGLISH (X)**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1	Synthesis; Paragraph Writing; Comprehension Skills; Test Paper 1	9	Subject Verb Agreement; Types of Composition; A Specimen Summary; Test Paper 9
2	Transformation of Sentences (1); Stories; Comprehension--- Analysis with Suggested Answers; Test Paper 2	10	Direct and Indirect Speech; Descriptive Composition; Precision in Summary Writing; Test Paper 10
3	Transformation of Sentences (2); Characters; Comprehension--- Sense and Interpretation; Test Paper 3	11	Articles; Personal Writing; Selective Summary; Test Paper 11
4	Tenses and Their Uses (1); Critical Writing; Format of a Personal Letter; Test Paper 4	12	Adjectives; Narrative Composition; Letter Writing; Invitations; Test Paper 12
5	Tenses and Their Uses (2); Composition-- An Introduction; Formal Letters (1); Test Paper 5	13	Comparison of Adjectives; Argumentative Composition; Letters of Application; Test Paper 13
6	Sequence of Tenses; Gathering the Subject Matter; Formal Letters (2); Test Paper 6	14	Adverbs; Factual Writing; Letters of Complaint; Test Paper 14

	7	Conditional Sentences; Organisation and Planning; Notice and Email; Test Paper 7	15	Prepositions; Picture Composition; A Sample Letter; Test Paper 15
	8	Active and Passive Voice; Beginning and Ending; Summary Writing; Test Paper 8		Essay Test; Oral and Aural Assessment; ELSA
Financial Literacy Activity		Essay Test; Oral and Aural Assessment; ELSA  Formal Letter: You have purchased an item on discount. You have an intuition that you have excess despite the discount. Write a letter to the Manager of the Departmental Store expressing your feelings about the 'unfair' transaction.		

**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 2023 - 24  
 SUBJECT : ENGLISH LITERATURE  
 PRESCRIBED TEXTBOOKS: THE MERCHANT OF VENICE AND TREASURE TROVE**

		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
<b>Treasure Trove</b>	1. I Know why the Caged Bird Sings 2. The Little Match Girl 1. The Patriot 2. The Blue Bead 3. Abu Ben Adheim 4. My Greatest Olympic Prize	<b>Treasure Trove</b>	1. Nine Gold Medals 2. All Summer in a Day 3. An Angel in Disguise
<b>The Merchant of Venice</b>	Act III Scene II - Scene V	<b>The Merchant of Venice</b>	Act IV and Act V
PROJECT TOPIC: Closely referring to 'The Blue Bead' discuss the fight between Sibia and the crocodile which ultimately led to the defeat of that creature.		PROJECT TOPIC : Referring closely to 'The Merchant of Venice' discuss the idea: The play would have been incomplete without the loan of three thousand ducats. (FLN)	
: Ist project :on or before 16.08.2023		Final :on or before 24.01.2024 Entire syllabus for class X to be included	

**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 2023 - 24**  
**SUBJECT : HINDI**  
**PRESCRIBED TEXT BOOK : साहित्य सागर पद्य, एकांकी संचय**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
8	भिक्षुक -सूर्यकांत त्रिपाठी निराला		
10	मातृ मंदिर की ओर -सुभद्रा कुमारी चौहान		
6	दीपदान -रामकुमार वर्मा		
	महाभारत की एक सांझ -भारत भूषण		
3	अग्रवाल		
व्याकरण	अशुद्ध वाक्य को शुद्ध करना मुहावरों का वाक्य में प्रयोग पर्यायवाची शब्द, विलोम शब्द अनेक शब्दों के लिए एक शब्द भाववाचक संज्ञा बनाना पत्र लेखन		Whole Syllabus of classes IX and X
PROJECT TOPICS: ऐतिहासिक तथा धार्मिक स्थल का वर्णन, चित्र अध्ययन, समाचार पत्र के माध्यम से, पत्रा धाया का चरित्र चित्रण Project submission date on or before : 31.08.23		PROJECT TOPICS : सूखी डाली एकांकी के आधार पर दादाजी का चर्चा Project submission date on or before : 30.11.23	

**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 2023 - 24**  
**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	লোকাটি
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 :	ছাত্র জীবনের দায়িত্ব ও কর্তব্য	PROJECT TOPIC :	ক্যানভাসার
Project submission date : (on or before)	31.08.23	Project submission date : (on or before)	30.11.23.

**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 2023 - 24**  
**SUBJECT :HISTORY AND CIVICS**  
**PRESCRIBED TEXT BOOK : I.C.S.E.HISTORY AND CIVICS PART II**

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	5. The State Judiciary	Composition,Qualification of judges,Tenure, all powers.
	Functions,relation between two houses, Amendment of Constitution.	6. Subordinate Courts	Civil Courts, Criminal Courts, lok Adalat.
2.The Union Executive	president : election, Term Of Office , Powers.qualification,		
	Electoral College, Indirect Election,Impeachment,	History	
	Vice President Qualification,term,powers.	10 The Last Phase.	Cabinet Mission plan,Interim
3. Prime Minister, Council,Cabinet	Prime Minister,Council of Ministers ,Cabinet, A Coalition, Government,Collective Responsibility.		Government,Mountbatten Plan, Indian Independence Act.-provisions.
		11. The First World War	All causes,All resultsProvisions
4.The Union judiciary.	The Supreme Court- Composition,functions,powers, Duties,Impeachment of judiciary.		Treaty of Versailles.
History		12The RISE Of Dictators	Rise of Fascism in Italy,Nazism in Germany ,causes,ideologies, Similarities.
1.The First War Of Independence	Causes- political,Social,Religious,Economic, Military causes,Results.	13. The Second World War	causr,results.
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.	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  
4. Second phase Of the Movement

Indian National Congress.  
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 National Movement. Lucknow pact, provisions, significance, impact,

7. The National Movement During First world War

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 of Japan, quit India Movement.

9. The National Movement 1935-42

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

Project submission date : on or before 16.08.23

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 TOPICS : The UNITED NATIONS.

Project submission date : on or before 15.01.23

### 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 2023 - 24**  
**SUBJECT : GEOGRAPHY**

**PRESCRIBED TEXT BOOK : FRANK MODERN CERTIFICATE GEOGRAPHY PART II**

CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Interpretation of Topographical maps G43S7 G43S10	Locating features with the help of a four or six figure Gridreference Definition of Contours, Contour Interval. Identification of landforms marked by Contours  Interpretation of colour tints and conventional symbols Definition and Types of Scales Measuring Direct and Indirect distance Marking directions and calculating area Identify : Site of prominent villages / towns/ types of land use / land cover and means of communication Drainage and Settlement pattern Manmade and Natural features	8. Agriculture I  Types of Farming  Food crops 9. Agriculture II Cash Crops 10. Manufacturing Industries	Importance, Problems and Reforms.  Subsistence, Commercial,Shifting,Intensive Agriculture,Extensive Agriculture  Mixed Farming, Plantation Farming.  Rice, Wheat, Millet, Pulses. Ground nut, Mustard, Soyabean. Sugarcane, Cotton , Jute, Tea, Coffee. Importance and Classification.
2. Map of India  Mountains,Peaks, Plateaus:  Plains  Desert : Rivers:	Himalayas Karakorm, Aravali,Vindhyas, Satpura,Western and Eastern Ghats,Nilgiri, Garo, Khasi, Jaintia Mt Godwin Austin (K2),Mt Kanchenjunga  Deccan Plateau, Chota Nagpur Plateau Gangetic Plains, Coastal Plains-Konkan Kanara,Malabar,Coromandel, N. Circar Thar Indus,Ravi, Beas, Sutlej, Chenab, Jhelum, Ganga Yamuna, Ghaghra, Gomti, Gandak, Kosi, Chambal, Betwa,Son , Damodar,  Brahmaputra,Narmada,Tapi, Mahanadi,	Agrobased Industry 11. Mineral based Industries  12. Transport Importance and Modes  13. Waste Management	Sugar, Cotton, Silk Textile. Iron and Steel : TISCO,Bhilai, Rourkela, Vishakhapatnam  Petrochemical and Electronics.  Roadways, Railways, Airways and Waterways Advantages and Disadvantages Impact of Waste Accumulation Spoilage of Landscape  Pollution Waste and Health Hazard.  Effect on Terrestrial and Acquatic life.



Water bodies: Godavari, Krishna, Cauveri, Tungabhadra  
 Gulf of Kutch, Gulf of Kambhat, Gulf of Mannar, Palk Strait, Andaman sea, Chilka lake  
 Lake Wular

Passes: Karakoram, Nathu la

Latitude : Tropic of Cancer

Longitude Standard Meridian

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, Chandigarh, Srinagar  
 Vishakhapatnam, Allahbad

Population Distribution : Dense and Sparse

3. Climate Factors Influencing, Variation, Seasons  
 Distribution of Rainfall

4. Soils In India Formation  
 Classification and Characteristics  
 Distribution, Soil Erosion  
 Soil Conservation

5. Natural Vegetation Importance of Forests, Types and Distribution  
 Correlation with Environment  
 Forest Conservation

6. Water Resources Sources: Surface and ground water  
 Need For Conservation  
 Rain water Harvesting and its Importance  
 Irrigation : Methods and Importance

7. Mineral and Energy Resources Iron Ore, Manganese, Copper, Bauxite  
 Uses and Distribution

Conventional Sources : Coal, Petroleum, Natural Gas: Distribution  
 Advantages and Disadvantages

Hydel Power: Bhakra Nangal and Hirakud

Non Conventional Solar, Wind, Tidal, Geo thermal, Nuclear, Biogas

#### 14. Waste Management

Map of India

Entire Syllabus Is Included In Rehearsal Examination.

Need for Waste Management  
 Methods of Safe Disposal of Waste  
 Needs and Methods of Reducing,  
 Reusing and Recycling Waste.

Entire Syllabus

sources :                      Generation And Advantages

PROJECT TOPICS: Tourist Spot In India OR Transport In India

on or before 17.08.23

PROJECT TOPICS: Tourist Spot In India OR Transport In India

Final :on or before 30.11.23

**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 2023 - 24**  
**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	Solving & representing on Number		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	Different Forms of Equations formation
13. Similarity	Section Formula, Collinearity of three points		Conditions of parallelism and perpendicularity
11. Section Formula			
8. Matrices	Order of Matrix and Operation on Matrix, Multiplication Rules of two		
	Definition of Probability and Related Problems		
22. Probability			
21. Measres 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 : (on or before)	15.07.23	Project submission date : (on or before)	11.11.23

**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 2023 - 24**  
**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 Nature
4 Refraction of light at plane Surface	Parallel Block, Prism Relation	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)	02.08.23	Project submission date : (on or before)	11.12.23

**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 2023 - 24  
SUBJECT : CHEMISTRY  
PRESCRIBED TEXT BOOK : ICSE CHEMISTRY(CLASS X ANITA PRASAD)**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. The Periodic Table of Elements	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, Salt	General methods of preparation, uses and properties of acids. General methods of preparation, uses and	8. Study of Compounds: Hydrogen chloride, Ammonia, Nitric acid, Sulphuric 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> .
4. Analytical Chemistry	Use of Sodium hydroxide and Ammonium hydroxide in detection of cations .	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, m 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)	07.08.23	Project submission date : (on or before)	07.12.23

**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 2023 - 24**  
**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	15. Population	Terminology, problems faced due to population explosion, method of population control.
4. Absorption by roots	z	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 07.08.23

Project submission date : (on  
or before) 21.11.23

### **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 2023 - 24**  
**SUBJECT : COMPUTER APPLICATIONS**  
**PRESCRIBED TEXT BOOK : Understanding ICSE COMPUTER APPLICATIONS with BlueJ**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
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.
2. Library Classes	Java Packages, Wrapper Class, Methods of Wrapper Classes, Autoboxing, Unboxing	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,
4. String Handling	Idea of String, String functions	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	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 : 14.08.2023		Project submission date : on or before : 30.11.2023	

**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 2023 - 24  
 SUBJECT:ECONOMIC APPLICATIONS  
 PRESCRIBED TEXT BOOK : ICSE 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 Literacy: 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-quantitative and qualitative methods for credit control.
4 .Factors of Production	Land,Labour,Capital,Entrepreneur: (meaning,characteristics,functions,importance)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)

25.08.23

PROJECT TOPIC :

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

Project submission date : (on or before)

30.11.23

### **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 2023-2024**

HALF YEARLY		REHEARSAL	
TOPICS & COMMANDS	BENEFITS & VALUES	TOPICS & COMMANDS	BENEFITS & VALUES
*General Warm-up	Improving body flexibility	*Stretching exercise	Muscle development
*Yoga Exercises	Stress relief, helps digestion	Flat race-100m. - 200m.	Improvement of stamina
*Indoor Games - Carrom	Developing mental ability & Psychomotor	Fitness Training-jogging, shuttle	Developing body fitness
*March past	Development of co-ordination skills	*Outdoor Games Basketball,	Development of team spirit

UNIT -2		REHEARSAL	
TOPICS & COMMANDS	BENEFITS & VALUES	TOPICS & COMMANDS	BENEFITS & VALUES
Stretching exercise	To increase strength and body flexibility	Fitness Training-jogging, shuttle	To increase strength, speed,
Tug of War	Improving body strength	Spoon and Marble Race	Improvement of dynamic
Balance race	Improvement of body balance		
Relay race	Improvement of stamina		
* The marked activities will be continued throughout the session		<b>PROJECT: Biography of any Ideal Player</b>	
		Project submission date : (on or before) 30.09.23	

**ST. FRANCIS XAVIER SCHOOL**  
**SUBJECT : SUPW.**  
**CLASS – X**  
**SYLLABUS 2023-2024**

HALF YEARLY

REHEARSAL

---

TOPIC

1. Each one teach one

2. Greeting card making

3. Pen Stand

TOPIC

1. Glass painting

2. Laundry work OR  
Medicinal plants

---

\* The marked activities will be continued throughout the session

Project submission date : (on or before) 30.09.23