

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - ENGLISH LANGUAGE
PRESCRIBED TEXT BOOK : PEARLS OF ENGLISH LANGUAGE

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1	The Narrative Composition	1	The Narrative Composition
2	The Descriptive Composition	2	The Descriptive Composition
3	The Reflective Composition	3	The Reflective Composition
4	The Argumentative Composition	4	The Argumentative Composition
5	The Story Writing	5	The Story Writing
6	Letters-- Formal and Informal	6	Letters-- Formal and Informal
7	Notice Writing and E-mail Writing	7	Notice Writing and E-mail Writing
8	Comprehension	8	Comprehension
9	Classification of Sentences	9	Classification of Sentences
10	Transformation of Sentences	10	Transformation of Sentences
11	Sequence of Tenses	11	Sequence of Tenses
12	Direct and Indirect Narration	12	Direct and Indirect Narration
13	Active and Passive Voice	13	Active and Passive Voice
14	Agreement of the Verb with the Subject	14	Agreement of the Verb with the Subject
15	Tenses	15	Tenses
16	Prepositions	16	Prepositions
17	Synthesis of Sentences	17	Synthesis of Sentences
18	Vocabulary in Context	18	Vocabulary in Context
19	Test Papers: 1 to 13	19	Test Papers: 1 to 13
20	Aural and Oral English	20	Aural and Oral English
21	Activity	21	Activity
22	Picture Composition	22	Picture Composition

FLN	Write a notice about a workshop on how to spend one's pocket money wisely and keep an account of the same. Mention all other necessary details.		
PROJECT TOPICS:	Essay Test; Oral and Aural Assessment; ELSA	PROJECT TOPICS:	Essay Test; Oral and Aural Assessment; ELSA
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - LITERATURE IN ENGLISH
PRESCRIBED TEXTBOOKS: TREASURE CHEST AND JULIUS CAESAR

		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
TREASURE CHEST	1. Bonku Babu's Friend	TREASURE CHEST	1. A Doctor's Journal Entry for August 6, 1945
	2. The Night Mail		2. Homecoming
	3. Skimbleshunks: The Railway Cat		3. A Work of Artifice
	4. Oliver Asks for More		4. The Boy who Broke the Bank
	5. I Remember, I Remember	JULIUS CAESAR	Act II Scenes I, II, III and IV
	6. The Model Millionaire		
JULIUS CAESAR	Act I Scenes I, II and III		
PROJECT TOPIC :	With close reference to the poem discuss "The Importance of Leadership and Vigilance in Skimbleshunks: The Railway Cat".	PROJECT TOPIC :	With close reference to the play 'Julius Caesar' discuss the assassination of Caesar and its aftermath.
	Submission date: on or before 16.08.2026		Submission date : on or before 30.01.2027
FLN	With close reference to 'The Boy who broke the Bank', write about how a rumour can create trouble for common people		
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026-27
SUBJECT NAME - HINDI
PRESCRIBED TEXT BOOK - साहित्य सागर, आदर्श हिंदी व्याकरण

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
संक्षिप्त कहानियाँ		संक्षिप्त कहानियाँ	
1	बात अट्टनी की -सुदर्शन	1	नेताजी का चश्मा-स्वयं प्रकाश
2	काकी - सियारामशरण गुप्त	2	अपना अपना भाग्य -जैनेंद्र कुमार
3	महायज्ञ का पुरस्कार -यशपाल	3	बड़े घर की बेटों - प्रेमचंद
पद्य संकलन		पद्य संकलन	
1	साखी - कबीरदास	1	वह जन्मभूमि मेरी-सोहनलाल द्विवेदी
2	गिरिधर की कुंडलियाँ -गिरिधर कविराय	2	मेघ आये - सर्वश्वर दयाल सक्सेना
3	स्वर्ग बन सकते हैं -रामधारीसिंह दिनकर	3	सुर के पद-सूरदास
व्याकरण		व्याकरण	
	पर्यायवाची शब्द		पर्यायवाची शब्द
	विलोम शब्द		विलोम शब्द
	मुहावरे		मुहावरे
	संज्ञा से विशेषण		संज्ञा से विशेषण
	भाववाचक संज्ञा		भाववाचक संज्ञा
	पत्र लेखन		पत्र लेखन
	अपठित गद्यांश		अपठित गद्यांश
	निबंध लेखन		निबंध लेखन

<p>PROJECT TOPICS;महायज्ञ का पुरस्कार पाठ के लेखक का परिचय दीजिये। "मानवता ही सबसे बड़ा धर्म है" इस पर आधारित एक कहानी लिखिए</p>	<p>PROJECT TOPICS;"स्वर्ग बना सकते हैं" पाठ के कवि का परिचय दीजिये । आदर्श नागरिक के कौन कौन से गुण होने चाहिए। एक आदर्श नागरिक एक आदर्श समाज बना सकता है। इस पर अपने विचार लिखें।</p>
<p>Project submission: on or before 31.08.26</p>	<p>Final :on or before 30.11.26</p>
<p>SYLLABUS FOR UNIT TEST</p>	
<p>Will be notified by the subject teacher at the appropriate time</p>	

**ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - BENGALI**

PRESCRIBED TEXT BOOK : SONKOLITA & BANGLA BHASA ANWESHAN

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
PROSE		PROSE	
7	গিনি	10	ক্যানভাসার
8	লালু		নাম
9	বামা		অসহযোগী
POEM		POEM	
7	বঙ্গভূমির প্রতি	10	খো খো
8	সভ্যতার প্রতি		আবার আসিব ফিরে
9	কলি মজর		সিঁড়ি
GRAMMAR		GRAMMAR	
	রচনা, চিঠি, বোধপরীক্ষণ		রচনা, চিঠি, বোধপরীক্ষণ
	বাক্য, বাচ্য, উক্তি পরিবর্তন,		বাক্য, বাচ্য, উক্তি পরিবর্তন,
	এক কথায় প্রকাশ, বাগধারা		এক কথায় প্রকাশ, বাগধারা
	সাধু-চলিত, বানান শুদ্ধ, ধ্বন্যাঙ্ক অব্যয়		সাধু-চলিত, বানান শুদ্ধ, ধ্বন্যাঙ্ক অব্যয়
	সমোচ্চারিত শব্দ, ছেদ - যতি		সমোচ্চারিত শব্দ, ছেদ - যতি
	একই শব্দের ভিন্ন অর্থে প্রয়োগ, উপসর্গ, প্রত্যয়		একই শব্দের ভিন্ন অর্থে প্রয়োগ, উপসর্গ, প্রত্যয়

			HY SYLLABUS [PROSE,POEM] TO BE ADDED.
PROJECT TOPICS :	দূষণ মুক্ত কলকাতা - তোমার মূল্যবান মতামত জানিয়ে একটি রচনা লেখো।	PROJECT TOPICS	গিনি ও লালু গল্পের শিশু চরিত্র দুটির মধ্যে যে মিল ও অমিল পাওয়া যায় তা আলোচনা কর।
Project submission date: 30.06.26		Project submission date: 31.10.26	
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - HISTORY AND CIVICS H.C.G 1
PRESCRIBED TEXT BOOK -ICSE INDIAN HISTORY WORLD DEVELOPMENTS AND CIVICS

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
CIVICS		CIVICS	
Our Constitution	Definition, Dates, Features, Significance.	The State Legislature	Formation and Powers. Governor, Ministers.
Fundamental rights And Duties	Different Rights And Significance		
		HISTORY	
Directive Principles Of State Policy	Principles Related To Economy, Gandhian Principlers, Peace, Envioronment	8. The Mughal Age	Source, Administration, Achievement, Babur, Akbar, Aurangzeb,
4,Election	Meaning, types, Formation and Function of Election commission	9.Composite Culture	Sufi and Bhakti Movement, Teachings, Impact
HISTORY			
		Renaissance And Reformation	Causes and Effects, Role of Martin Luther
1.The Harappan Civilization	Source, Great bath, Seals, Dancing Girl, Dockyard, Script, Trade, Art, craft	Industrial Revolution	Causes, Definition, Comparative Studyof Socialism And capitalism.
2.The Vedic Age	Source, Early and Later Vedic Age.		
3.Jainism and Buddhism	Source, Causes of Rise, Teachings, impact.		
4. The Mauryan Empire	Sources, Administration, Religion.		

5.The sangam Age	Source, Society, Economy		
6.The Gupta Age	Source, Administration Contribution .		
7.Medieval India	The Cholas, The Delhi Sultanate, Source, Administration		
FLN	Taxation		
	Project Work		
PROJECT WORK	The Gupta Age	PROJECT WORK	The Industrial Revolution: Meaning and Significance
Submission Date	16.8.26	Submission Date	16.1.27
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

**ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - GEOGRAPHY**

PRESCRIBED TEXT BOOK : TOTAL GEOGRAPHY VOLUME II

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Earth As A Planet	Shape of the Earth. Earth As The Home of Mankind and The Conditions That Exist.	11. Hydrosphere	Meaning of Hydrosphere, Tides-formation and pattern. Ocean currents- their circulation pattern and effects (Gulf Stream, Atlanticdrift, Labrador current, Kurosio and Oyashio current.
2. Geographic Grid	Concept of Latitudes -main latitudes, their location with degrees, parallels of latitudes and their uses. Concept of Longitudes - Prime Meridian,time(local, standard and time zones, GMT and IDL. Eastern and Western hemispheres.Using latitudes and longitudes to find location and time.Great Circles and their uses.	12. Atmosphere- Composition and Structure	Troposphere, Stratosphere, Ionosphere. Ozone in Stratosphere, its depletion, Global warming and its impact.
3. Rotation and Revolution	Rotation-Direction, Speed and its Effects. Revolution of the Earth and its inclined axis-Effects.	13. Insolation	Meaning of Insolation and Terrestrial radiation.Factors affecting temperature.

4. Structure of the Earth.	Core, Mantle, Crust- Meaning, extent and Composition.	14. Atmospheric Pressure and Winds.	Meaning and factors affecting Atmospheric Pressure, Major Pressure belts of the Earth. Permanent winds- Trades, Westerlies, Polar Easterlies. Periodic Winds- Land breeze and sea breezes, monsoons. Local winds - Loo, Chinook, Foehn, Mistral. Variable winds- Cyclones and anticyclones, jet stream- meaning and importance.
5. Landforms of the Earth	Mountains- fold, residual and block. Plateaus- Intermontane, volcanic. Plains - Structural and depositional. Definitions, Types and formation. Examples from World and India.	15. Humidity	Meaning and difference between Absolute and Relative Humidity. Condensation and Precipitation forms. Types of rainfall- convectional, orographic, frontal. Examples from different parts of the World.
6. Rocks	Difference between minerals and rocks. Types - Igneous, Sedimentary, Metamorphic, their characteristics and formation, Rock Cycle.	16. Pollution 17. Sources of Pollution 18. Effects of Pollution 19. Preventive Measures	Radiation and Noise. On the environment and human health. Carpools, promotion of public. FLN :Contamination of environment, how it effects health costs, financial burden on people and
7. Volcanoes	Meaning, Types - active, dormant and extinct. Effects - Constructive and destructive.. Important volcanic zones of the world.	20. Natural Regions of the World	Location, area, climate, natural vegetation and human adaptation. Equatorial Region, Tropical Grasslands, Tropical Deserts. Tropical Monsoon, Mediterranean, Temperate Grasslands, Taiga and Tundra.

8. Earthquakes	<p>Meaning , Causes, Measurement. Effects- Constructive and destructive. Earthquake zones of the World. FLN :</p> <p>Insurance- Protection of individuals and properties against natural disasters.</p>	World Map	<p>Major natural regions - Equatorial Regions, Tropical Grasslands, Tropical Deserts, Tropical Monsoon, Mediterranean, Temperate Grasslands, Taiga and Tundra.Oceans, Seas, Gulfs, Straits-all major oceans,Carribbean sea,North sea, Black sea,Caspian sea,S. China sea, Mediterranean sea, Gulf of Carpentaria, Hudson Bay, Persian Gulf, Gulf of Mexico, Gulf of Guinea,Bering Strait,St of Gibraltar,St of Malacca.Rivers- Mississippi,Colorado,Amazon,Paraguay,Nile,Zaire,Niger,Zambezi,Orange,Rhine, Volga,Danube, Murray Darling, HwangHo, Yangtse Kiang,Ob,Indus,Ganga,Mekong,Irrawaddy,Tigris, Euphrates.Mountains- Rockies,Andes,Appalachian,Alps,Himalayas,Pyre nees,Scandanavian highlands,Caucasus,Atlas,Drakensberg,Zagros, Urals, Great Dividing range. Plateaus- Canadian Shield, Tibetan plateau, Brazilian highlands, patagonian plateau,Iranian plateau,Mongolian plateau.</p>
9&10. Weathering and Denudation	<p>Meaning, Types and Effects . Meaning and agents of Denudation: Work of River and Wind stages of a River course and associated landforms -Vshaped valley, waterfall, meander, delta. wind - deflation</p>		

World Map	Oceans,Seas, Gulfs,Straits,Rivers.Mountains,Plateaus.		
PROJECT TOPICS :	Air Pollution OR Water Pollution Or Meteorological Instruments and their uses : Six's maximum minimum thermometer, mercury barometer, aneroid barometer, rain gauge ,hygrometer.	PROJECT TOPICS :	Air Pollution OR Water Pollution Or Meteorological Instruments and their uses : Six's maximum minimum thermometer, mercury barometer, aneroid barometer, rain gauge ,hygrometer.
Assignment 1	Conventional symbols	Assignment 1	Conventional symbols
Assignment 2	Scale	Assignment 2	Scale

SYLLABUS FOR UNIT TEST

Will be notified by the subject teacher at the appropriate time

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - PHYSICS

PRESCRIBED TEXT BOOK : CONCISE PHYSICS CLASS IX (SELINA PUBLICATION)

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Measurement and Experimentation	Need of unit for measurement and its kind, derived units,Least count of instruments screw gauge and vernier calipers,Pendulum experiments	7.Reflection of Light	Reflection of light,Images formed in pair of mirror,Uses of plane mirror,Spherical Mirror,Ray diagram of convex and concave mirror,Uses of Mirrors
2. Motion in one Dimension	Rest, motion, speed, velocity, acceleration,Graphical representation of linear Motion,	8. Propagation of Sound wave	Nature of sound waves,Requirement of a medium for sound,wave to travel,Propagation and speed in different media,Comparison with speed of light
3.Laws of Motion	Newton's Laws of Motion and its application,Gravity and Free fall	9. Current Electricity	Types of Cell,Symbols for circuit diagram,Insulators and Conductors,Flow of electrons between conductors,Resistance,Efficient use of energy
		10. Magnetism	Induced magnetism,Magnetic field of earth,Neutral points,Introduction for electromagnet and uses

4. Pressure in Fluids and Atmospheric Pressure	Thrust and Pressure and their units,Pascal's Law and transmission of pressure in liquids,Principle of Flootation, Application, Relative density and measurement		
5.Up thrust in Fluids,Archimedes' Principle	Properties of upthrust,Verification of Archimedes Principle		
6. Heat and Energy	Concept of heat and temperature,Anomalous Expansion of Water,Thermal expansion,Energy flow and its importance,Energy Resources. Renewable and non renewable,Green House Effect and Global warming sources, energy degradation		
Practical :	Experiment No 1 to 7	Practical :	Experiment No 8 to 12
Date of submission	30.06.2026	Date of submission	11.12.2026
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
ACADEMIC SESSION 2026 - 27
SUBJECT - CHEMISTRY
PRESCRIBED TEXT BOOK :SRI BALAJI ICSE CHEMISTRY

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1 : The Language of Chemistry	Symbol of an element; valency; formulae of radicals and formulae of compounds. Balancing of simple chemical equations. Relative Atomic Masses (atomic weights) and Relative Molecular Masses (molecular weights): either – standard H atom or 1/12th of carbon 12 atom.	5 : Periodic Table	Dobeneir's triads, Newland's law of Octaves, Mendeleev's Contribution, Modern Periodic Law, Modern Periodic Table
2 : Chemical Changes and Reactions	Types of chemical changes. Energy changes in a chemical change	6 : Study of the First Element - Hydrogen	Position of the non - metals (Hydrogen) in the periodic table and general group characteristics with reference to valence electrons
3 : Water	Water as a universal solvent Hydrated and anhydrous substances Hydrated substances Anhydrous substances Properties Drying and Dehydrating Agents Soft water and Hard water	7 : Study of Gas Laws	Behaviour of gases, Relation between Kelvin and Celsius Scale of Temperature, Boyle's Law, Charles Law, Absolute Zero, Gas Equation, Simple Calculations

4 : Atomic Structure and Chemical Bonding	Structure of an Atom, mass number and atomic number, Isotopes and Octet Rule. Electrovalent and covalent bonding, structures of various compounds – orbit structure. Electrovalent Bond. Covalent Bond.	8 : Atmospheric Pollution	Acid Rain - composition, causes and its impact, Global Warming, Ozone Depletion
PRACTICAL NOTE BOOK :	Experiment 1 To Experiment 3	PRACTICAL NOTE BOOK :	Experiment 4 To Experiment 6
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - BIOLOGY
PRESCRIBED TEXT BOOK : CONCISE BIOLOGY.

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
2.Cell	Cell theory,structure of plant and animal cell,various functions of cell organelles,prokaryotic and eukaryotic cell.	11. Digestive system.	Organs,digestive glands and their functions in digestion,absorption and assimilation of digested food.
3.Tissues	Types of plants and animal tissues,with their location and structures.	12.Skeleton- movement and locomotion.	Functions of human skeleton, axial and appendicular skeleton,types of joints with reference to their location.
4.The flower.	Structure of a bisexual flower,different whorls of flowers,their structure and function.	13.Skin-The jack of all trades.	Vatious parts of the skin and their functions,deriavities of skin, thermal regulation of the body.
5. Pollination and fertilization.	Self and cross pollination,agents of pollination,characteristicsof flowers pollinated by different agents,process of fertilization to the formation of zygote.	15. Hygiene.	General idea about personal hygiene, mode of transmission of different diseases.
6.Seed- structure and germination.	Different types of seeds,structure of bean and maize seed,differences between hypogeal and epigeal germination,condition of seed germination.	16. Diseases-cause and control	Different types of diseases, endemic, epidemic,pandamicSystems and causes of different diseases.

7. Respiration in plants.	Glycolysis, Krebs cycle and their significance, aerobic and anaerobic respiration, chemical reactions, experiments on gaseous exchange and heat production.	17. Aids to health.	Local defence mechanism, vaccination, immunization, antibiotics, antiseptics.
8. Classification- Kingdom animalia.	Features of Porifera to echinodermata, chordates-all five classes.	18. Health organization	Major activities of Red cross and WHO.
10. Nutrition	Classes and function of food-carbohydrate, fats, proteins, minerals, vitamins, structure of tooth and function of different parts, dental formula.	9. Economic importance of bacteria and fungi.	Useful role of bacteria in different fields, harmful role in food spoilage, diseases, bio weapons, economic importance of fungus.
PRACTICAL TOPIC	Practical lab manual to be submitted as per ICSE syllabus discussed in class	PRACTICAL TOPICS :	Practical lab manual to be submitted as per ICSE syllabus discussed in class.
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2026 - 27
SUBJECT - MATHEMATICS

PRESCRIBED TEXT BOOK : UNDERSTANDING ICSE MATHEMATICS

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
2. Compound Interest	Application of Formula, FLN - understanding how bank give interest to customer	14. Theorem on Area	Fundamental Concepts
	Growth & Depreciation		Area Axioms
3. Expansions	Special products	19. Co-ordinate Geometry	Co-ordinate Axes
	Application of Special products		Graph of Linear Equations
1. Rational and Irrational Numbers	Rational & Irrational Numbers		Graphical Solution of pair of Linear Equations
	Non repeating , non terminating decimals		Distance Formula
	Surds and rationalization of surds	6. Problems on Simultaneous	Word Problems
10. Triangles	Relation Between angles	Linear Equations	
	Congruency of triangle	16. Mensuration	Perimeter and Area of triangle
	Isosceles triangle		Perimeter and Area of Quadrilateral
	Inequalities		Circumference and area
4. Factorization	Factorization by taking common factor		Surface area and Volume of Cuboid and Cubes. FLN - Calculating the cost of the figures
	Factorization by grouping	15. Circle	Chord Property
	Factorization of trinomial		Arc Property
5. Simultaneous Linear	Substitution Method	18. Trigonometrical Ratios of	Trigonometrical Tables of Standard Angles

Equation	Elimination Method	Standard Angles	Complementary angle
	Cross multiplication Method	13. Rectilinear Figures	Types of Quadrilateral and their Properties
	Equation reducible to pair of Linear Equations		Construction of Quadrilateral
11. Mid- point Theorem	Mid- point Theorem		
	Intercept Theorem		
8. Indices	Laws of Indices		
12. Pythagoras Theorem	Pythagoras Theorem		
	Converse of Pythagoras Theorem		
	Application in word problem		
20. Statistics	Mean and Median of Ungrouped Data		
	Frequency Distribution		
	Cumulative Frequency		
	Graphical Representation of Statistical Data		
17. Trigonometrical Ratios	Trigonometrical ratios of the triangles		
9. Logarithms	Logarithm		
	Laws of logarithms		
Project – 1 : Study ways of raising loan to buy a Car or House	Project – 2 : Statistical Analysis of Height, Weight, Number of Family Members and Pocket Money of Class – IX students		
Submission date: 10.06.2026	Submission date: 11.11.2026		
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS IX
ACADEMIC SESSION 2026-27
SUBJECT: ECONOMIC APPLICATIONS
PRESCRIBED TEXT BOOK : J.P GOEL

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1 .Meaning nd Definition of Economics	Definition, Micro and Macro Economics, Types of Activities	8. Main Sectors Of Indian Economy :Services	Classification of Service Sector, Importance of Services, Factors Enabling High Growth of Service Sectors in India, Interdependence among various sectors.
2. Basic Economic Entities in an Economy	Economies and its main Sectors, Basic Units of Economic Analysis, Consumers, Producers, Government	9. Other Sectors of Indian Economy	Introduction, Classification on the Basis of Ownership, Private Sector, Public Sector, Classification on the basis of habitation
3. Basic Problems of an Economy	Economic Problems, Central Problems of an Economy, Efficient use of resources, Economic Growth and Economic development	10. Economic Infrastrucutre Financial Literacy: Financial Inclusion Schemes	Introduction , Meaning and Components of Infrastructure, Economic infrastructure, Transport System, Communication, Insurance, Energy, Irrigation, Effects of weak infrastructure Pradhan Mantri dhan Jan Yojna, Sukanya Samridhi Yojna, National pension Scheme, Employees Provident Fund Organisation, Atal Pension Yojna

4 .Types of Economies	Classification on The Basis of Ownership ,The Means of Production,Classification on the basis of Level of Development	11. Social Infrastructure Financial literacy: PAN card and Aadhar Card	Importance of Social Infrastructure,Education,Health,Family Planning,housing,Impacts of weak Social Infrastructure Purpose,requirement and issuing body of PAN card,Income tax,Aadhar card and its benefits
5.Characteristics of Indian Economy	What is Indian Economy?Characteristics of Indian Economy.	12 .Consumer Awareness	Consumers place in market,Forms of Consumer exploitation, Reasons for Consumer Exploitation,Growth of consumer awareness,Consumer Education,Consumer Rights,Food Adulteration,Standardisation of products.
6.Main Sectors of Indian Economy: Agriculture	Main Sectors of Indian Economy,Meaning of Agriculture,Role,Trends in Agricultural Production,Cause of low productivity,Impact	13. Globalisation	Globalisation, Factors and Impacts of globalisation, World Trade Organisation, Multinational Corporations.
7.Main Sectors of Indian Economy: Industry	Meaning of Industrialisation,Importance, Significance of industries, Interdependence of agriculture and industry, Problems and impact of industrial practices on ecosystem, pollution		
PROJECT TOPIC :	Central Problems Faced By Economy,Problems In Public Trasport,	PROJECT TOPIC :	Consumer Rights and Consumer Protection.
Project submission date : (on or before)	20.8.2026	Project submission date : (on or before)	12.12.2026
SYLLABUS FOR UNIT TEST			
Will be notified by the subject teacher at the appropriate time			

**ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS IX
ACADEMIC SESSION 2026 - 27
COMPUTER APPLICATIONS**

PRESCRIBED TEXT BOOK : ICSE UNDERSTANDING COMPUTER APPLICATIONS with BlueJ

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Introduction to Object Oriented Programming Concepts	Types of computer languages, Compiler and Interpreter, Types of High Level Languages, Principles of OOP. Features of Java, Types of Java programming, BlueJ, Execution	9. Nested for loops	Syntax of Nested loop, use of break and continue in nested loop.
2. Elementary Concept of Objects and Classes	Object and Class, Software object and class, Instance of class, Object Factory.	10. Computing and Ethics	Ethical issues in computing, Intellectual Property Right, Spam, Cyber Crime, Cyber laws, Hacking, Protection against Malicious Intent.
3. Values and Data Types	Unicode character set, ASCII code, Token, Identifier, Literal, Type conversion-Implicit and	11. More on Basic Input/Output (Scanner and Printer Classes)	Scanner class, Methods to read tokens,
4. Operators in Java	Concept of Operator, Expression and Statement, Java Expression, Shorthand operator, Ternary operator, Hierarchy of Operators	Entire Syllabus is included along with project of total 20 programs. (ch - 1,2,3,4,5,6,7,8,9,10,11)	

5.Input in Java	Java comments, Input by Function Argument, Input StreamReader Class, Scanner Class, Testing and Debugging, Types of Errors.		
6.Mathematical Library Methods	Mathematical Library Methods, Trigonometrical Functions, Conversion from degree to radian and vice versa.		
7. Conditional Statements in Java	Flow of control, Conditional flow, if statement, if-else statement, if-elseif-else		
8. Iterative Constructs in Java	Entry control loop, Exit control loop, for loop, while loop, do-while loop, jump statement-break, continue, finite loop, infinite loop, delay loop,		
PROJECT TOPICS : 10 Programs from if-else, switch-case, Loop. [Each program should contain VDT and Sample input and output.]		PROJECT TOPICS : 10 Programs from if-else, switch-case, loop, nested loop. [Each program should contain VDT and Sample input and output.]	
Project submission date :	on or before : 14.08.2026	Project submission date :	on or before : 29.11.2026

SYLLABUS FOR UNIT TEST

Will be notified by the subject teacher at the appropriate time

ST FRANCIS XAVIER SCHOOL**ACADEMIC YEAR :2026-2027****SUBJECT : PHYSICAL EDUCATION (IX)**

HALF YEARLY		ANNUAL	
Topics & Commands	Benefits & Values	Topics & Commands	Benefits & Values
Advanced drill & march past	Leadership and discipline	March past drills	Practice for sports and coordination
Fitness training exercises	Strength and endurance	Calisthenics exercises	Maintain strength and flexibility
Athletics (running, jumping)	Physical fitness	Free hand exercise	Body flexibility
Yoga & breathing	Mental wellness	Recreational games	Physical and mental development
Team games basics	Team coordination	Fitness Tests (CISCE Portal)	Health and Physical Fitness Assessment
		Test Parameters : 50m Dash, 600m Run+Walk	
		Push Ups, Partial Curl Ups, Sit and Stretch	
		And BMI Evaluation.	