

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

PRESCRIBED TEXTBOOK: PEARLS OF ENGLISH LANGUAGE

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1	Compositions	1	Compositions
2	Informal and Formal Letter	2	Informal and Formal Letter
3	Notice Writing and E-mail Writing	3	Notice Writing 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 Activity (ELSA)	We often get warnings that come over SMSes and in newsprint about not sharing information regarding details of our account. Narrate an experience that a relative of yours has gone through whereby he / she had shared the account details and suffered as a result.		Listening Comprehension

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 2025- 26
ENGLISH LITERATURE**

PRESCRIBED TEXTBOOKS: JULIUS CAESAR AND TREASURE CHEST

HALF YEARLY		ANNUAL	
CHAPTER	TOPICS	CHAPTER	TOPICS
Treasure Chest	1. Bonku Babu's Friend 2. The Night Mail 3. Skimbleshunks: The Railway Cat 4. Oliver Asks for More 5. I Remember, I Remember 6. The Model Millionaire	Treasure Chest	1. A Doctor's Journal Entry for August 6, 1945 2. Homecoming 3. A Work of Artifice 4. The Boy who Broke the Bank
Julius Caesar	Act I Scenes I, II and III Project: 'Millionaire models,' remarked Alan, 'are rare enough but model millionaires are rarer.' Discuss the significance of this statement by referring closely to the short story 'The Model Millionaire'. Submission date: on or before 16.08.2025	Julius Caesar	Act II Scenes I, II, III and IV Project: With close reference to the play 'Julius Caesar' discuss how the conspirators convinced Marcus Junius Brutus to join their side. Submission date : on or before 30.01.2026

SYLLABUS FOR UNIT TEST

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ST. FRANCIS XAVIER SCHOOL
SYLLABUS FOR CLASS - IX
ACADEMIC SESSION 2025 - 26
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 बेटी - प्रेमचंद
पद्य संकलन		पद्य संकलन	
1	साखी - कबीरदास	1	वह जन्मभूमि मेरी-सोहनलाल द्विवेदी
2	गिरिधर की कुंडलियाँ -गिरिधर कविराय	2	मेघ आये - सर्वेश्वर दयाल सक्सेना
3	स्वर्ग बना सकते हैं -रामधारी सिंह दिनकर	3	सुर के पद-सूरदास
			included all ut I, half yearly, and ut ii syllabus
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

PROJECT TOPICS; 1)बात अठनी की कहानी के आधार पर रसीला का चरित्र चित्रण करे ।
2)
"वर्तमान समय में डिजिटल होना किसी वरदान से कम नहीं है"इसकी अच्छाइयो और बुराइयो पर एक लेख लिखे।

PROJECT TOPICS; 1)प्रेमचंद का जीवन परिचय देते हुए आनंदी और श्रीकंठ का चरित्र चित्रण करें।
2) सादगी भी लोगों के दिलों में अमिट छाप छोड़ जाती है" इस कथन को ध्यान में रखते हुए अपने देश के किसी ऐसे व्यक्तित्व के विषय लिखिए जिन्होंने "सादा जीवन उच्च विचार" को आधार मान कर अपना जीवन बिताया ।

Project submission date	1st project :on or before	31.08.25
	Final :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 - IX
ACADEMIC SESSION 2025 - 26
SUBJECT NAME - BENGALI
PRESCRIBED TEXT BOOK - SONKOLITA

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1/Prose	গিন্নি	4/Prose	ক্যানভাসার
2/Prose	লালু	5/Prose	নাম
3/Prose	বামা	6/Prose	অসহযোগী
1/Poem	বঙ্গভূমির প্রতি	4/Poem	আবার আসিব ফিরে
2/Poem	সভ্যতার প্রতি	5/Poem	সিঁড়ি
3/Poem	কুলি মজুর	6/Poem	রবীন্দ্রনাথের প্রতি
Grammar/Composition	রচনা লিখন পত্র লিখন বোধপরীক্ষণ বাগধারা এক কথায় প্রকাশ সমার্থক শব্দ শুদ্ধ অশুদ্ধ বাচ্য পরিবর্তন উক্তি পরিবর্তন বাক্য পরিবর্তন বিরাম চিহ্নের প্রয়োগ ধ্বন্যাঙ্ক শব্দ	Grammar/Composition	রচনা লিখন পত্র লিখন বোধপরীক্ষণ বাগধারা এক কথায় প্রকাশ সমার্থক শব্দ শুদ্ধ অশুদ্ধ বাচ্য পরিবর্তন উক্তি পরিবর্তন বাক্য পরিবর্তন বিরাম চিহ্নের প্রয়োগ ধ্বন্যাঙ্ক শব্দ

PROJECT TOPIC: যুব সমাজের প্রতীক স্বামী বিবেকানন্দ।
 Project submission date 1st project :on or before
 Final :on or before

PROJECT TOPIC : গিন্নি ও লালু গল্পে দুটি শিশু চরিত্রের তুলনামূলক আলোচনা।
 31.08.2025
 30.11.2025

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 2025-26
HISTORY AND CIVICS
PRESCRIBED TEXT BOOK ;INDIAN HISTORY WORLD DEVELOPMENTSAND CIVICS

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Civics		Civics	
1. Our Constitution	Meaning,Formation of Constitution	6.The State Legislaturwe	Formation and powers
.2. Basic features	Date of Adoption,Enforcement,Single Citizenship,Universal Adult franchise,		
3. Fundamental rights and and Duties	Meaning,Classification,Fundamental Meaningand Features,Economic Policy,Gandhian principles,Principles for the protectionof Environment and monument,principles related to peace and Security.	History 9. The Mughal Empire	Sources,Political History And Administration, Babur,Akbar,Aurangzeb.
4.Directive Principles of State Policy.		10..Composite Culture.	Sources,Bijak,Guru Granth Sahib,Ajmer Sharif
5. Elections	Meaning,Need,Types ofElection,Formation Functions of Election Commission.		Significance of Sufi ,Bhakti Movement, Mirabai,Jnaneswar,Hazrat Nizamuddin.
History		History	
1.THE Harappan Civilization.	Sources,The Great Bath,Seals,Dancing girl, Bearded Man,Dockyard,Script,Extent, Urban plan,Trade, Art,Craft,decline.	11. Modern Age in Europe.	Definition,Causes,Impacton art,Literature, Science.Leonardo Da Vinci,Copernicus, william Shakespeare.
2. The Vedic Period	Sources,Vedas,Epics,Earlyand Later Vedic Society,Economy.	12.The Reformation	causes ,contribution of Martin Luther, Counter Reformation.
3..Jainism and Buddhism	Sources,Angas,Tripitakas,Jatakas, Causes for the rise of both religion Doctrines and Impact.	13.The Industrial Revolution	Definition,Causes,Results,Comparative study of Socialism and Capitalism.

4. The Mauryan Empire	Sources, Arthashastra, Indica, Ashokan Edicts, Sanchi Stupa, Political History, Administration.
5. The Sangam Age.	Sources, Tirukkural, Megaliths. Society, Economy.
6. The Age Of the Guptas.	Sources, Political History, administration, Education, Science, Literature, Culture.
7. The Cholas	Sources, Inscriptions, Brihadeswara temple, Political History, Administration.
8. The Delhi Sultanate	Sources, Inscription, Qutub minar, political History, administration of Qutubuddin Aibak, Alauddin Khilji, Muhammad Bin Tughlaq.

PROJECT TOPICS : JAINISM AND BUDDHISM Subtopics mentioned in the chapter.

16.8.25

PROJECT TOPICS : The Industrial Revolution Subtopics mentioned in the chapter..

15.01.26

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 2025 - 26
 SUBJECT - GEOGRAPHY
 PRESCRIBED TEXT BOOK : TOTALGEOGRAPHY 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. OceanCurrents - Their circulation pattern and effects (Gulf stream,N.Atlanticdrift,Labrador current,Kuroshio 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 andWestern hemispheres. Using latitudesandlongitudesto find locationand time. Greatcirclesandtheiruse.	12. Atmosphere-Composition and Structure	Troposphere,Stratosphere,Ionosphere,Exosphe re.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 PrssureBelts of The World. Permanent Winds-Trades ,Westerlies, Polaar easterlies.Periodic Winds-Land breeze and seabreezes,Monsoons Local Winds - Loo,Chinook, Foehn,Mistral. Variable Winds- Cyclonesand anticyclones, Jet Stream- meaning and importance..
5.Landforms Of The Earth	Mountains-fold, residual,and block, Plateaus- intermont,volcanic.Plains- structural and depositional. Definitions, Types and Formation. ExamplesfromWorld 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 ofPollution 18.Effects of Pollution 19. Preventive	Types- Air, Water(fresh andmarine),Soil, Radiation and Noise On the environment and human health carpools,promotion of public
7.Volcanoes	Meaning ,Types-active,dormantand 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

Meaning , Causes, Measurement.
Effects- constructive and destructive
Earthquake zones of the world.

World Map

Major natural regions -Equatorial Region,
Tropical Grasslands, Tropical
Deserts, Tropical Monsoon, Mediterranean,
Temperate Grasslands, Taiga and Tundra.

Oceans, Seas, Gulfs , Straits -all major
oceans, Caribbean 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, Strait of Gibraltar, Strait of Malacca.

Rivers -Mississippi, Colorado, Amazon,
Paraguay, Nile, Zaire, Niger, Zambezi, Orange,
Rhine, Volga, Danube, Murray, Darling, Hwang
ho, Yangtze Kiang, Ob, Indus, Ganga, Mekong,
Irrawaddy, Tigris, Euphrates.

Mountains -Rockies, Andes, Appalachian, Alps
Himalayas, Pyrenees, Scandinavian
highlands, Caucasus, Atlas, Draakensberg, Khing
han , Zagros, Urals, Great Dividing Range.

Plateaus -Canadian shield, Tibetan
plateau, Brazilian highlands, Patagonian Plateau, I
ranian Plateau, Mongolian plateau.

9 & 10. Weathering and Denudation

Meaning , Types and Effects.
Meaning and agents of Denudation:
Work of River and Wind Stages of a
river course and associated landforms-
V shaped valley, waterfall, meander, delta
Wind-deflation hollows and
sand dunes.

World Map	Oceans, Seas, Gulfs , Straits and Rivers Mountains and Plateaus.		
PROJECT TOPIC :	Air Pollution OR Water Pollution OR Meteorological Instruments and their uses: Six'smaximum minimum thermometer, mercury barometer, aneroid barometer, windvane, anemometer ,rain gauge,hygrometer.	PROJECT TOPIC :	Air Pollution OR Water Pollution OR Meteorological Instruments and their uses: Six'smaximum minimum thermometer, mercury barometer, aneroid barometer, windvane, anemometer ,rain gauge,hygrometer.
Assignment 1	Conventional Symbols	Assignment 1	Conventional Symbols
Assignment 2	Scale	Assignment 2	Scale
		Assignment 3	Direction
Project submission date : (on or before)	16. 08.25	Project submission date : (on or before)	25.01.26

SYLLABUS FOR UNIT TEST

Will be notified by the subject teacher at the appropriate time

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

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, Numericals, Pendulum experiments, Beam balance	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, numericals	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
4. Pressure in Fluids and Atmospheric Pressure	Thrust and Pressure and their units, Pascal's Law and transmission of pressure in liquids, Principle of Floatation, Application, Relative density and measurement, numericals	10. Magnetism	Induced magnetism, Magnetic field of earth, Neutral points, Introduction for electromagnet and uses

5. Upthrust in Fluids, Archimedes' Principle and Floatation Upthrust and 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 warmingsources, energy degradation

PROJECT TOPIC : As per ICSE Syllabus

Project submission date :
(on or before) 30.06.2025

PROJECT TOPIC : As per ICSE Syllabus

Project submission date : (on or
before) 11.12.2025

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 2025 - 26
SUBJECT: CHEMISTRY
PRESCRIBED TEXT BOOK : ICSE CONCISE CHEMISTRY (SELINA)

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Language of Chemistry	Symbols, valencies, Chemical formul, chemical equation, atomic weight, molecular weight, percentage composition of compounds,empirical formula.	5. The Periodic table	Dobereiner's Law of Triads, Newland's Law of Octaves, Mendeleev's periodic table, Modern Periodic table, Groups and periods, Study of alkali metals, alkaline earth metals, halogens, noble gases.
2. Chemical reactions and Chemical changes.	Types of Chemical reactions, Energy changes in Chemical reactions.	6. Hydrogen	Position of Hydrogen in Periodic table, Preparation of hydrogen, Chemical properties of hydrogen, Redox.
3. Water	Solutions, Solubility, Water of crystallisation, Efflorescence, Deliquescence, Hygroscopy, Drying and Dehydrating agents,	7. Study of gas laws.	Gaseous state of matter, Boyle's Law, Charles' Law, The Gas equation. Various numericals.
4. Atomic Structure and Chemical Bonding	Structure of Atom,orbital diagrams, Isotopes, chemical bond, Types of Chemical Bond.	8. Atmospheric pollution	Air pollution, Acid rain, Global warming, Ozone.
PROJECT TOPIC :	As per ICSE syllabus	PROJECT TOPIC :	As per ICSE syllabus
Project submission date :	As per class schedule	Project submission date :	As per class schedule

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 2025 - 26.
SUBJECT-BIOLOGY
PRESCRIBED TEXT BOOK : ICSE-CONCISE BIOLOGY-9**

HALF YEARLY		ANNUAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1. Intrducing Biology	Growth of Biology, Branches of Biology	10.Nutrition	Classes of different nutrients,balanced diet.
2.The Cell -A unit of life cell	Cell Structure, Cell theory, Cell organelle, Prokaryotic and Eukaryotic cell	11.Digestive system	Teeth,salivary gland,different parts of the alimentary system and process of digestion.
3.Tissues	Animal tissues-different typesPlant Tissue – Simple and Complex Tissue, Structure of bisexual parts,description of floral parts.	12.Skeleton system	The different human skeleton,structure of vertebrae,axial and appendicular skeletal system,joints.
4.The Flower		13.Skin	structure and function of skin,skin derivatives,temperature regulation.
5.Pollination and fertilization.	Different types of pollination,advantages and disadvantages.fertilization.	14.The respiratory system	Structure of respiratory system,gaseous exchange and tissue respiration,respiratory volumes.
6.Seeds -structure and germination	Structure of bean seed,maize seeds,germination,types of germination,viviparous germination.	15. Hygiene	General idea of personal hygiene,mode of transmission
7.Respiration in plants	Respiration,different types,experiments.	16.Diseases-causes and control.	Different types of diseases and their causes and control
8.Five kingdom classification.[lab based]	Different characteristic features of different phylla of plant and animals.	17.18Aids to health and health organization	Active and passive immunity,defence system of the body,terminology,vaccines,activities of Red cross and WHO.

9.Economic importance of bacteria and fungi.	Bacteria, fungi, usefulness, food spoilage, diseases	19.Waste generation and management	Categories of wastes, methods of disposal of waste.
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PRACTICAL TOPIC :	As per the ICSE syllabus chapters.	PRACTICAL TOPIC :	As per the ICSE syllabus chapters.
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Practical lab manual submission date :	As per class schedule	Practical lab manual submission date	As per class schedule
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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 2025 - 26
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, Growth & Depreciation (FLN)	14. Theorem on Area	Fundamental Concepts, Area Axioms
3. Expansions	Special products & Applications	19. Co-ordinate Geometry	Co-ordinate Axes, Graph of Linear Equations, Graphical Solution of pair of Linear Equations, Distance Formula
1. Rational and Irrational Numbers	Rational & Irrational Numbers, repeating numbers, Non repeating, non terminating decimals, surds and rationalization of surds	13. Rectilinear Figures	Types of Quadrilateral and their Properties, Construction of Quadrilateral
4. Factorization	Factorization by taking common factor, grouping, trinomials, cubic factorisation	16. Mensuration	Perimeter and Area of triangle, Quadrilateral, Circumference and area, Surface area and Volume of Cuboid and Cubes
10. Triangles	Congruency of triangle, Isosceles triangles, Inequalities	20. Statistics	Mean and Median of Ungrouped Data, Frequency Distribution, Cumulative Frequency, Graphical Representation of Statistical Data
11. Mid- point Theorem	Mid- point Theorem, Intercept Theorem		
5. Simultaneous Linear Equation	Substitution Method, Elimination Method, Cross multiplication Method		
6. Problems on Simultaneous Linear	Word Problems		
7. Quadratic Equations	Solving Quadratic Equations		
8. Laws of Indices	Laws of Indices		
9. Logarithms	Logarithm, Laws of Logarithms		
12. Pythagoras Theorem	Pythagoras Theorem & its Converse, Application in word problem		
15. Circle	Chord & Arc Property		
17. Trigonometrical Ratios	Trigonometrical ratios of the triangles		
18. Trigonometrical Ratios of Standard Angles	Trigonometrical Tables of Standard Angles Complementary angle		
PROJECT TOPIC :	Study ways of raising loan to buy a Car or House	PROJECT TOPIC :	Statistical Analysis of Height, Weight, Number of Family Members and Pocket Money of Class – IX students
Project submission date : (on or before)	15.07.25	Project submission date : (on or before)	15.11.25

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 2025 - 26
SUBJECT: ECONOMIC APPLICATIONS
PRESCRIBED TEXT BOOK : FRANK ECONOMIC APPLICATION

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 Infrastructure	Introduction , Meaning and Components of Infrastructure, Economic infrastructure, Transport System, Communication, Insurance, Energy, Irrigation, Effects of weak infrastructure
		Financial Literacy: Financial Inclusion Schemes	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 Infrasructure,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
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		
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,		
13. Globalisation	Globalisation, Factors and Impacts of globalisation, World Trade Organisation, Multinational Corporations.		

PROJECT TOPIC : Central Problems Faced By
Economy, Problems In Public
Transport,

Project submission date : (on or
before)

20.08.2025

PROJECT TOPIC :

Consumer Rights and Consumer
Protection.

Project submission date : (on or
before)

15.12.2025

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 2025 - 26
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 of Java Program.	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 Explicit.	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, InputStreamReader 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 statement, Nested if statement.
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, Interconversion of Loops.

PROJECT TOPICS : 10 Programs from if-else, switch-case, Loop. [Each program should contain VDT and Sample input and output.]

Project submission date : on or before : 14.08.2025

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 : 29.11.2025

SYLLABUS FOR UNIT TEST

Will be notified by the subject teacher at the appropriate time

**ST. FRANCIS XAVIER SCHOOL
PHYSICAL EDUCATION
SYLLABUS FOR CLASS -IX
ACADEMIC SESSION 2025-26**

HALF YEARLY		ANNUAL	
TOPICS & COMMANDS	BENEFITS & VALUES	TOPICS & COMMANDS	BENEFITS & VALUES
*General Warm-ups Attention, stand at ease Left Turn ,Right Turn,About Turn Mark time march March past	Improving body flexibility Development of mental ability and discipline during assembly. Development of psychomotor and Coordination skills.	*Stretching exercise Flat race-100m.,200m Fitness Training-jogging, shuttle run March Past Practice	Body Flexibility Improvement of stamina Developing body fitness Practice for Biennial Sports Day 2025 Body fitness and mind refreshment
Recreational games	Body fitness and mind refreshment	Recreational games	

**ST. FRANCIS XAVIER SCHOOL
SUPW.
SYLLABUS FOR CLASS -IX
ACADEMIC SESSION 2023-24**

HALF YEARLY

TOPIC

- 1.Each one teach one
- 2.Greeting card making
- 3.Pen stand

ANNUAL

TOPIC

- 1.Glass painting
2. Laundry work