

Class X
Syllabus 2026-27

ENGLISH			
MONTH	TOPICS	ART INTEGRATION	SUBJECT ENRICHMENT ACITIVTY
MARCH	WRITING SKILLS - Analytical Paragraph		Various kinds of data/graphs/surveys and types of cues to be discussed from the newspaper for analysis
	Formal Letters		To look for relevant letters in the newspapers
APRIL (23)	FIRST FLIGHT		
	PROSE- A Letter to God		Worksheet to asses learning comprehension
	PROSE- Nelson Mandela: A long Walk to Freedom		Worksheet to asses learning comprehension & handouts
	POEM- Dust of Snow	Pictorial depiction of the poem based on understanding	Worksheet to asses learning comprehension & handouts
	Fire and Ice		Worksheet to asses learning comprehension & handouts
	Tiger in the Zoo	Draw a symbol and state colour for captivity and freedom	Worksheet to asses learning comprehension
MAY (13)	FOOTPRINTS WITHOUT FEET		
	A Triumph of Surgery		Worksheet to asses learning comprehension
	FIRST FLIGHT		
	PROSE- Two Stories about Flying		Paragraph writing on the supernatural aspect
	POEM- How to Tell Wild Animals	Roles will be assigned to read the stanzas to differentiate between the animals and bring out humour	Handouts
JULY (26)	FIRST FLIGHT		
	PROSE- Glimpses of India		Dialogue writing

	From the Diary of Anne Frank		Revisit history - WW2- an interdisciplinary discussion
	POEM- The Ball Poem		Handout
	FOOTPRINTS WITHOUT FEET		
	The Thief's Story		Change the ending of the story- In dialogue form
	The Midnight Visitor		Letter to Editor - How wit and intelligence can win the day
AUGUST (23)	FIRST FLIGHT		
	POEM- Amanda		Diary entry of the protagonist & handout
	The Trees	A picture given and questions have to be written	Worksheet with poetic devices
	FOOTPRINTS WITHOUT FEET		
	Footprints without Feet		To have an open discussion on brilliance vs. criminality
	Making of a Scientist		
SEPTEMBER (22)	REVISION		ASL
	TERM-1 EXAMINATIONS		
OCTOBER (17)	FIRST FLIGHT		
	PROSE- Madam Rides the Bus		
	Mijbil, the Otter		
	POEM- Fog	Depiction of fog in symbols	Handouts
	The Tale of Custard the Dragon	Comic Strip	Handouts
	FOOTPRINTS WITHOUT FEET		
	A Question of Trust		
	The Necklace	PPT- Influence of influencers	

NOVEMBER (23)	FIRST FLIGHT		
	PROSE -The Sermon at Benaras		
	DRAMA -The Proposal	Role play with voice modulation	
	POEM - For Anne Gregory		Links for audio rendition of the Poem
	FOOTPRINTS WITHOUT FEET		
	Bholi		A discussion on social evils like early marriage and dowry
	DRAMA -The Book That Saved The Earth	Role play with sound effect on the smart TV-group wise	
DECEMBER (25)	REVISION TESTS Based on Full Syllabus		
JANUARY (13)	REVISION TESTS Based on Full Syllabus		ASL
FEBURARY (23)	REVISION TESTS Based on Full Syllabus		

विषय - हिंदी				
माह	पुस्तक	पाठ	कलासमेकित गतिविधि	विषयसंवर्धन-गतिविधि
अप्रैल	स्पर्श	बड़े भाई साहब		अभ्यास पत्र
		तँतारा वामीरों कथा	ब्रोशर निर्माण	

		साखी		छात्रों द्वारा दोहों का सस्वर वाचन
	व्याकरण	मुहावरे ,	चित्रों के माध्यम से मुहावरों का प्रस्तुतिकरण	अभ्यास पत्र
		अनुच्छेद लेखन		अनुच्छेद लेखन
		वाक्य रूपांतरण ,		अभ्यास पत्र
मई	स्पर्श	मीरा के पद	प्रिय कवि पर आधारित वृत्तचित्र	
	संचयन	हरिहर काका		अंचल कथा का प्रस्तुतिकरण वाचन
	व्याकरण	ई मेल लेखन	प्रायोगिक ई मेल	
		पत्र लेखन		
		समास		अभ्यास पत्र
जुलाई	स्पर्श			
		डायरी का एक पन्ना		अगर मैं स्वतंत्रता सेनानी होता ।(अनुच्छेद लेखन)

		तोप (कविता)	अगर १८५७ का विद्रोह सफल हो गया होता - परिचर्चा	
	संचयन	सपनों के से दिन		बचपन की घटना का कहानीबद्ध प्रस्तुतिकरण
	व्याकरण	पद बंध		
		लघुकथा लेखन		
अगस्त	स्पर्श	तीसरी कसम के शिल्पकार शैलेन्द्र	फ़िल्म समीक्षा	
		मनुष्यता (कविता)		सच्चे मनुष्य की पहचान (अनुच्छेद)
	व्याकरण	सूचना लेखन		अभ्यास पत्र
सितंबर	स्पर्श	अब कहाँ दूसरों के दुख से दुखी होने वाले लोग		अब भी हैं दूसरों के दुख से दुखी होने वाले लोग - वाद-विवाद
		आत्मत्राण (कविता)		
	व्याकरण	विज्ञापन लेखन	विज्ञापन का नाट्य प्रस्तुति	

अक्टूबर	स्पर्श	पर्वत प्रदेश मे पावस (कविता)		कविता प्रस्तुतिकरण
		पतझड़ मे टूटी पत्तियाँ , गिन्नी का सोना		विषयाधारित स्वानुभव वर्णन
	संचयन	टोपी शुक्ला (कहानी)	पात्रों का चरित्र चित्रण	
नवंबर	स्पर्श	कर चले हम फिदा (कविता)		
		कारतूस (एकांकी)	नाट्य प्रस्तुति करण	अभ्यास पत्र
	व्याकरण	सूचना लेखन		
दिसंबर		पुनरावृत्ति		
		कक्षा परीक्षा		
जनवरी				
		पुनरावृत्ति		

		कक्षा परीक्षा		
फ़रवरी		पुनरावृत्ति		
		कक्षा परीक्षा		

MATHEMATICS					
MON TH	UNITS	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APR (23)	POLYNOMIALS	Graphical Representation of Polynomials, Relation b/w Zeroes and Co-efficient of a polynomial and their applications		Relation of leading coefficient of a Quad. polynomial with the shape of the graphical represent	
	LINEAR EQUATIONS IN TWO VARIABLES	Simultaneous Linear. Eq. in two variables, Graph. Rep., solution by algebraic methods, consistency conditions, applications in word problems		Verifying the conditions of consistency for a given pair of Lin. Eqs. in two variables.	Case Studies
	REAL NUMBERS	Fundamental Theorem of Arithmetic – illustrations and examples, Proofs of irrationality of root of 2, 3 and 5 etc.			Case Studies

MAY(13)	SIMILAR TRIANGLES	Definition of Similarity, Basic Proportionality Theorem and Converse, Criteria for Similarity of Triangles, and their applications		Verification of the BPT by the activity method.	
	INTRO. TO TRIGONOMETRY	Trigonometric ratios of an acute angle of a right-angled triangle. Proofs, Ratios of specific angles, whichever are defined at 0° and 90° . Values of the trigonometric ratios of 30° , 45° and 60° . Relationships between the ratios.	Inter Disciplinary Holidays homework Project		Measuring height of various objects with length of their shadows for a given angle of elevation of sun.
JULY (26)	<u>UTI EXAMS</u>				
	CO-ORDINATE GEOMETRY	Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division)		1. Verification of the Distance formula by the Activity Method 2. Verification of the Mid-point formula by Activity method	
	AREAS RELATED TO CIRCLES	Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the plane figures. Area of segment of a circle,			Formula Booklet
AUG (23)	PROBABILITY	Classical definition of probability. Simple problems on finding the probability of an event		Relationship between the theoretical and experimental probability.	

	REVISION				
SEPT (22)	<u>HALF YEARLY EXAMS</u>				

	HEIGHTS AND DISTANCE S	Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°.			Making a clinometer to understand the Angle of elevation and angle of depression from a point of observation.
OCT (17)	QUAD. EQS.	Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated.			Case Studies.
	ARITHMETIC PROGRESSION	Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.		<ol style="list-style-type: none"> 1. Checking if a given set of numbers is in an A.P. 2. Finding the sum of first n even numbers by the activity method. 3. Finding the sum of first n odd numbers by the activity method. 4. Finding the sum of first n natural numbers by the activity method. 	

	STATISTICS	Mean, median and mode of grouped data (bimodal situation to be avoided).			CASE STUDIES
NOV (23)	CIRCLES	Tangent to a circle at, point of contact (10) Periods 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.			<ol style="list-style-type: none"> To verify that the tangent drawn to a circle is perpendicular to the radius at the point of contact. To verify that the tangents drawn to a circle from an external point are equal in length.
	VOLUMES & SURFACE AREAS	Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones	Perspective Drawings		
DEC (25)	<u>PRE – BOARD 1</u>	REVISION			

JAN (13)	<u>PRE – BOARD 2 EXAMS</u>	REVISION			
FEB (23)	<u>REMEDIA L TEACHING</u>				
MAR	<u>BOARD EXAMS</u>				

SCIENCE

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL	Unit I: Chemical Substances - Nature and Behaviour Unit II: World of Living Unit III: Natural Phenomena	CH-1 Chemical reactions CH-5 Life processes CH-9 Light	Diagrams of systems using biodegradable substance	<p>Chemistry: Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction</p> <p>Biology: Preparing a temporary mount of a leaf peel to show stomata.</p> <p>Physics: 1. Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object. 2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</p>	Activity- 1. Adding water to Calcium oxide. 2. Placing Silver chloride in sunlight.
MAY	Unit III: Natural Phenomena	CH-10 Human eye and the colourful world	HHW		

JULY	<p>Unit II: World of Living</p> <p>Unit I: Chemical Substances - Nature and</p>	<p>CH-6 Control and co- ordination in animals and plants</p> <p>CH-2 Acids, bases and salts.</p>		<p>Biology: Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</p> <p>Chemistry: A. Finding the pH of the following samples by using pH paper/universal indicator: Unit-I (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate.</p>	<p>Activity- Tasting different acids, bases and salts materials present at home.</p>
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	<p>Behaviour</p> <p>Unit IV: Effects of Current</p>	<p>CH-11 Electricity</p>	<p>Comparison of electricity consumption amongst neighbours and make a poster to save energy.</p>	<p>Physics: Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.</p>	<p>Activity- Showing series and parallel combination of resistors.</p>
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AUGUST	Unit II: World of Living Unit I: Chemical Substances - Nature and Behaviour	CH-7 How do organisms Reproduce CH-3 Metals and non- metals		in the Department of Education, Eastern Cape and (SDBS) in the Department of Education, Eastern Cape <u>Physics Department</u> of the equivalent	
SEPTEMBER	Exam Unit V: Natural Resources	CH-13 Our environment			
OCTOBER	Unit I: Chemical Substances - Nature and Behaviour Unit II: World of Living	CH-4 Carbon compounds CH-8 Heredity		Chemistry:- 1. Study of the following properties of acetic acid (ethanoic acid): Unit- I i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate 2. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.	Activity- Washing hands in hard and soft water.
NOVEMBER	Unit IV: Effects of Current	CH-12 Magnetic effects of current			Activity- Showing alignment of iron filings in

					presence of bar magnet.
DECEMBER	PR-1	Remedial Classes			
JANUARY	PR-2	Remedial Classes			

SOCIAL SCIENCE

MONTH	NO OF WORKING DAYS	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	PROJECT ENRICHMENT ACTIVITY
April	23	Hist: Ch2	Rise of nationalism in India	Creating a Timeline of key events in India's National Movement	NA	Map work
		Geo: Ch2	Forests & wild life		NA	Map Work
		Eco: Ch 1	Development		NA	Classroom debate over Impact of Pandemic on Economic Inequality and development of nations.
		Geo: Ch 1	Resources		NA	Discussion of linking resources with SDGs Map work

May	13	Hist: Ch 1	Rise of national movement in Europe	Art Integrated Project: Comparison of Delhi and UT as per DOE guidelines-HHW	NA	
		PS Ch 1	Power Sharing mechanism in democracy		NA	Simulation of Different Levels of Government in India
		Eco Ch 5	Consumer Rights	PROJECT ONLY	NA	
July	26	Hist Ch:3	The making of a global world		NA	
		Geo Ch:4	Agriculture		NA	Map work

		PS Ch: 2	Federalism		NA	
		Geo: Ch3	Water Resources		NA	Discussion over Water Governance and Policy Challenges Map work
August	23	Hist Ch 4	The Age of Industrialisation		NA	
		Geo Ch 5	Mineral and power resources		NA	Resource Mapping and Planning Exercise- Group activity Map work

		PS Ch 4	Gender, Religion & Caste		NA	Deliberation over Religious Pluralism and Harmony
		Eco Ch 2	Sectors of the Indian economy		NA	Role Play- Economic Sector
		PS Ch 6	Political parties		NA	Debate Topic- "Should Political Parties Prioritize Ideological Purity or Pragmatic Compromise in Strengthening Democracy?"
September	22	Geo Ch 6	Manufacturing Industries		NA	Map work
		Eco Ch 3	Money and credit		NA	
October	17	Hist Ch:5	Print culture and the Modern world		NA	
		Geo Ch 7	Life line of National Economy	Only Map work is in the syllabus	NA	Map work
		Eco Ch: 4	Globalisation	Group PPT on - The Impact of Globalization on Local Economies: Balancing Opportunities and Challenges	NA	
November	23	PS Ch 7	Outcomes of Democracy		NA	Democratic Decision-Making Simulation
December	25		PRE BOARD 1			
January	13		PRE BOARD 2			

ARTIFICIAL INTELLIGENCE

MONTH	UNIT	TOPIC	ART INTEGRATION	PRACTICAL	SUBJECT ENRICHMENT ACTIVITY
APRIL	(A) (A) UNIT 1 - COMMUNICATION SKILLS UNIT 2 - SELF MANAGEMENT SKILLS (B)UNIT 1 - Revisiting AI Project Cycle & Ethical Frameworks for AI	COMMUNICATION CYCLE		Identify AI Domains	Case studies on AI Project cycles
		7 Cs OF EFFECTIVE COMMUNICATION			
		BASIC WRITING SKILLS			
		AI PROJECT CYCLE			
		INTRODUCTION TO AI DOMAINS			
		ETHICAL FRAMEWORKS OF AI			
MAY	(A) UNIT 3 - ICT SKILLS (B)UNIT 7- ADVANCE PYTHON	COMPUTER CARE & MAINTENANCE	Presentation on Stress Management	Write basic programs in Python like adding 2 numbers, conversion of units etc.	Dumb Charades to explain the gadgets and understand the ways of communication.
		OPERATING SYSTEMS			
		FILES AND FOLDERS			
		APPLICATIONS OF PYTHON			
JULY	(A) UNIT4 - ENTREPRENEURIAL SKILLS (B)UNIT 2- Advanced Concepts of Modeling in AI	ENTREPRENEURSHIP AND SOCIETY		Differentiate between AI, ML, and DL	Types of AI Models: Rule Based Approach, Learning Based Approach
		QUALITIES, FUNCTIONS, IMPORTANCE AND			

		ROLE OF ENTREPRENEUR			
		Revisiting AI, ML, DL			
		Modeling			
		Artificial Neural Networks			
AUGUST	(A) UNIT 5 - GREEN SKILLS (B)UNIT UNIT 3 - Evaluating Models	SUSTAINABLE DEVELOPMENT	Project on AI Project Cycle	Train-test split, Build the confusion matrix from scratch	Calculate the accuracy of the classifier model
		Importance of Model Evaluation			
		Splitting the training set data for Evaluation			
		Accuracy and Error			
		Evaluation metrics for classification			
		Ethical concerns around model evaluation			
SEPTEMBER	REVISION	PRACTICALS			
		TERM I EXAMINATION			
OCTOBER	(B)UNIT 4 - Statistical Data, UNIT 5- COMPUTER VISION	No code AI tool	Create your own pixel art	Case study using Orange data mining	Game- Emoji Scavenger Hunt, RGB Calculator, Create your own convolutions
		Statistical Data: Use Case Walk through			
		Concepts of Computer Vision			
		No-Code AI Tools			

		Image Features & Convolution Operator				
		Convolution Neural Network				
NOVEMBER	NLP	(B)UNIT 6 -	Applications of Natural Language Processing	Presentation on Save Environment	Keyword Extraction	Play with chatbots
			Stages of NLP			
			Chatbots			
			Concepts of NLP			
DECEMBER	REVISION	SAMPLE PAPERS		Python Programs		
		PRACTICALS				
JANUARY	REVISION	REVISION		Python Programs		
		PRACTICALS				
FEBRUARY	REVISION	PRACTICALS				
		ANNUAL EXAMINATION				

SUBJECT -Financial Markets (405) CLASS - X

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April	Investment Basics	<ul style="list-style-type: none"> Savings Versus Investment Stock Exchange Mutual Funds 	Collage of top 10 performing	List the various Investment	Understand and make the chart of

	Securities	<ul style="list-style-type: none"> • Securities Market • Regulators • Market Participants 	Mutual Funds.	avenues	interest Rates on the basis of compound Interest.
May	Primary Market	<ul style="list-style-type: none"> • New Issue Market • Issue Of Shares • NSE and Foreign Capital Issuance 	Collect Sample of different IPOs	Write about upcoming IPOs	Analyse the IPO
July	Secondary Market Derivatives	<ul style="list-style-type: none"> • Securities Market • Stock Exchange • Trading • Future and Options Market • Commodity 	Paste the Sample copy of Shares.	Activity on Stock Simulation	Login in Stock Simulation site to experience Trading.
August	Depository	<ul style="list-style-type: none"> • Meaning Of Depository • Holding Of Securities • Ownership • Dematerialisati on • Basic Of Mutual Funds 	Paste the logo of CDSL and NSDL	Assessmen t Sheet	Observe the functioning of CDSL and NSDL

	Mutual Funds	<ul style="list-style-type: none"> Active/ Passive Fund 			Analyse the Risk and Return of different Mutual Funds with the help of Grow.

September	Miscellaneous	<ul style="list-style-type: none"> Introduction Corporate Actions Corporate Actions and Index Clearing and Settlement Post Market Activities 	Writing Methods of Pay in and Pay out Day	Do practice of Trading in Simulated Stock Market.	Watch Trading Procedure by login in sites provided by NSE
October	Concepts And Modes of Analysis	<ul style="list-style-type: none"> Time Value of Money Annual Report Accounting Terms and Technologies 	Prepare table of Inflation Rates in different years	Read Annual Reports of Existing Company.	Prepare Riddles on different Accounting Terms

November	Ratio Analysis	<ul style="list-style-type: none"> • Introduction • Liquidity Ratios • Leverage / Capital Structure • Profitability Ratios 	Arrange and highlight the relevant aspects in Annual Reports.	Develop relationship between different variables in Balance Sheet.	Use different Ratio as a tool to analyse and comment on Profitability, Performance and Liquidity.
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ART

MONTH	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL	1. Random line drawing- Abstract Activity. (2 activities in B/W and Colour) 2. Learning to write Alphabets in One-point Perspective (symmetrical Alphabets).			
MAY	1. Artworks in Pencil Shading (Landscape)- Concept of light and dark in detail. Design Activity based on Vertical and Horizontal Lines.			

JULY	<ol style="list-style-type: none"> 1. Introduction of Any Artist (Composition based on his/her work) 2. Poster making on any topic. 			
AUGUST	<ol style="list-style-type: none"> 1. Calligram Art (Landscape in coloured words) 2. Word Art- Composition based on words. 			
SEPTEMBER	Draw An object in Two-point Perspective (Sharpener/ Table/Chair)			
OCTOBER	<ol style="list-style-type: none"> 1. Ruben's Vase Composition in Colour. 2. How to Write your Name in One-point Perspective. 			
NOVEMBER	<ol style="list-style-type: none"> 1. Packaging Design of an object in colour. 2. Monogram design of your name 			
DECEMBER				
JANUARY				

HINDUSTANI MUSIC

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS
April	1 & 3	<ul style="list-style-type: none"> Alap, Taan, Meend, Kan 		Raag Bhupali
May	4	Raag Bhupali (Swar Notation)	Project File	
July	2 & 3	<ul style="list-style-type: none"> Structure & Tuning of Tanpura 		Taal Tilwada
August	1, 3 & 4	<ul style="list-style-type: none"> Dhrupad, Dhamar, Tarana Raag Brindavani Sarang (swar notation) 		Raag Brindavani Sarang
September	3&5	<ul style="list-style-type: none"> Life Sketch & Contribution: Tansen, Sadarang & Faiyaz Khan 	Project File	Chautal
October	3,4&5	<ul style="list-style-type: none"> Contribution of Omkarnath Thakur Raag Khamaj (swar notation) 		Raag Khamaj Taal Rupak
November		<ul style="list-style-type: none"> Revision 		Devotional Song
December		Pre-Boards	Project File	
January		Pre-Boards		
February		<ul style="list-style-type: none"> Doubt Clearing & Revision 		
		Boards		
March		Boards		

