

SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24)
CLASS: X SUBJECT: ENGLISH LANGUAGE AND LITERATURE (184)

Month	BOOK/ SECTION	CHAPTER/TOPIC	Learning Outcome	Art integration learning activity ,(Subject Enrichment // Multiple Assessment / Portfolio / Lab Activity / ASL etc.)
APRIL	First Flight	Letter to God Nelson Mandela – Long walk to freedom	-Demonstrate ability to reason deductively using modal forms. -Read and appreciate story.	
	Poem	Dust of Snow Fire & Ice	-Narrate events and present them in their language. Hard times of life in stride, change our situation into happy times. Learn meaning of difficult words.	
	Footprints without feet	Triumph of Surgery Midnight visitor	-Develop the habits of reading for information. Read and relate text to their real-life situation.	Write a descriptive paragraph on tricki taking references from the lesson 'The triumph of surgery'. (On plain A4 sheet)
	Writing Grammar	Formal Letter – Letter to editor Gap Filling		

April	First Flight	Two stories about flying From the diary of Anne frank	-To foster an understanding of descriptive writing -To practice describing a person/event or place through given cues	SPEAKING TASK: Students to give one minute description of Anne frank in the class.
	Poem	Tiger in the zoo How to tell wild animals Trees	<i>-They understand that all animals will be happy only in their natural habitat. Recite poem with proper intonation and rhythm.</i>	
	Footprints without feet	Thief story Question of trust	<i>-Summarize the key events and relate them to real life situation. listen to and discuss literary inputs in varied contexts to infer, interpret and appreciate.</i>	
	Writing	Formal letter – Enquiry letter	<i>-Use grammar items in context of correct phrases and verbs with singular and plural nouns.</i>	
	Grammar	Gap filling Editing	<i>-</i>	

May	First Flight	Glimpses of India	-To admire the bliss of the nature -To sensitise the learners to ideas and emotions.	<p>RECITATION TASK:</p> <p>Students To perform recitation with background music of ball poem to enhance their presentation.</p> <p>CT-1 (GLIMPSES OF INDIA ,LETTER TO GOD) LETTER TO EDITOR</p>
	Poem	Mijbil the Otter	-To enable the studentsto imbibe- • Appreciate thebeauty of past • Divinity	
	Writing	The Ball Poem		
	Grammar	Formal letter – Placing orders		
		Cloze passage	To enable the students to use conditionals correctly while framing sentences.	
	JUNE	SUMMER	HOLIDAYS	

JULY	Revision		Periodic test 1 (09/07/23 – 15/07/23) SYLLABUS FROM APRIL TO MAY	
	Writing	Analytical Paragraph	-To enable them express themselves in grammatically correct language. - To sensitise the students.	
	Writing	Formal letter – Complaint concerned authorities regarding civic problem.		

August	First Flight	Madam rides the bus	-To enable the students to understand the lesson and grasp its meaning. -To enable them to understand the moral lessons contained in the passage.	CT-2 FOG, The Sermon at Banaras.
	Poem	The Sermon at Banaras. Fog For Anne Gregory Amanda	- To enable them to enjoy reading and writing	
	Grammar	Dialogue writing	-To practice different types of tenses through application based passages. To enable the learners to use grammatically fit sentences	Report any conversation from your English class.(on plain A4 sheet)
	Footprint without feet	Footprint without feet Making of a scientist	To enable them to enjoy reading and writing.	
September	Revision (Syllabus – April to August) First Flight	Proposal	Periodic Assessment 2 (11/09/23-22/09/23)	LISTENING & SPEAKING TASK: A song on the theme of unity and communal harmony to be played in class. Students to deliberate on the different aspects of community. A written journal/portfolio of

				the discussion to be prepared by students on plain A4 sheet.
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October	Footprints without feet Poem	Necklace The tail of Custard – The Dragon	<ul style="list-style-type: none"> -To Explore and Evaluate the evil in Beauty. -The students will be able to organise their thoughts in a group and presenting them in a sentence or two individually. -To enable the learners to locate meaning of the words from dictionaries and other sources. 	Explain the character sketch of Matilda.
	Grammar	Reporting a dialogue on the given clue	<ul style="list-style-type: none"> -To enable the student to understand culture, lifestyle and belief of the people living in the region - To enjoy poetry in form of ballad. -To identify the figures of speech in the poem 	

November	<p>Footprints without feet</p> <p>Grammar</p>	<p>Bholi</p> <p>The book that saved the earth</p> <p>Dialogue writing</p>	<p>Identify key points in stories.</p> <p>Summarise the events of a story in a concise manner.</p> <p>Organise key points of stories into chronological action categories.</p> <p>Develop an original narrative in a collaborativemanner.</p> <p>Compare the plot structures of multiple stories.</p>	<p>Write a story from following sentence:It was a warmday. As usual I was lying on the t when....</p> <p>CT-3 Bholi, The book that saved the earth</p>
December	Revision	Pre Board 1	<p>Final submission of project file/portfolio</p> <p>Listening/Speaking test</p>	

January		Pre Board 2		
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हिन्दी पाठ्यक्रम, 2023-24

कक्षा दसवीं

विषय हिन्दी

मास	पाठ संख्या	पाठ का विवरण	सीखने का प्रतिफल	श्रवण और वाचन कौशल एवं परियोजना कार्य	परीक्षा की संभावित तिथि एवं पाठ्यक्रम
अप्रैल	1.	स्पर्श गद्यखंड- पाठ बड़े भाई साहब	छात्र पाठ द्वारा इस बात को समझेंगे कि शिक्षा रटने का नाम नहीं है और पढ़ाई और खेल-कूद साथ-साथ चल सकते हैं।	बच्चे अपने घर बुजुर्गों से बातचीत करके पता करेंगे कि बेहतर ढंग से जीने के लिए क्या जरूरी है अनुभव या किताबी पढ़ाई। कक्षा में इस पर चर्चा करेंगे	
	2.	पाठ- डायरी का एक पन्ना	छात्रों में देश-भक्ति की भावना बढेगी	स्वतंत्रता आंदोलन में भाग लेने वाली महिलाओं की संक्षिप्त जानकारी चित्र सहित भित्ति पत्रिका में लिखें।	
	3.	स्पर्श- काव्यखंड- कबीर	मीठी बोली का महत्व समझेंगे	कबीर के दोहों को याद करके कक्षा में सुनाएँ।	

	4	व्याकरण- मुहावरे	भाषा ज्ञान में	किन्हीं दस	
	5.	पदबंध	वृद्धि	मुहावरों को चित्र	
		लेखन- औपचारिक पत्र	भाषिक कौशल में	तथा अर्थ सहित	
			वृद्धि	लिखें।	
मई	6.	स्पर्श- गद्यखंड- ततार्रा- वामीरो कथा	समाज में फैली रूढ़ियों के प्रति जागरूकता बढेगी।		कक्षा परीक्षा -1
	7.	स्पर्श-काव्यखंड- मीरा	आध्यात्मिक ज्ञान में वृद्धि	मीरा के अन्य पदो का संकलन करें।	स्पर्श- गद्यखंड- बड़े भाई साहब
	8.	संचयन- पाठ- हरिहर काका	जीवन में रिश्तों की अहमियत पता चलेगी।	घर और आसपड़ोस से बजुर्गों का हाल- चाल जानकर	काव्य खंड - कबीर
	9.	लेखन- सूचना लेखन अनुच्छेद	भाषा ज्ञान में वृद्धि	उनकी चर्चा कक्षा में करें।	व्याकरण- मुहावरे पदबंध
	10.	व्याकरण-समास	सृजनात्मकता		लेखन- औपचारिक पत्र
	11.	कला एकीकृत परियोजना कार्य	भाषिक कौशल में वृद्धि	भारत के द्वीप समूहों अंदमान,	
			अंदमान, निकोबार, लक्षद्वीप की जानकारी		

जून		ग्रीष्मकालीन अवकाश	-----	निकोबार, लक्षद्वीप का नक्शा,, खान-पान, नृत्य, त्योहारों, वेशभूषा की जानकारी चित्र सहित एकत्रित कर भित्ति पत्रिका में लगाइए। -----±---	
जुलाई	12.	लेखन- लघु कथा लेखन और ई-मेल लेखन , विज्ञापन	भाषिक कौशलों में वृद्धि	कक्षा अध्यापिका को ई-मेल द्वारा अपनी पढ़ाई की जानकारी दे।	प्रथम आवधिक परीक्षा पाठ्यक्रम
	13.	स्पर्श-काव्यखंड- मनुष्यता	दूसरों की सहायता तथा मिलवर्तन की भावना बढ़ेगी	- कविता में आए दानवीरों की कहानियाँ कक्षा में सुनाएँ	स्पर्श-काव्यखंड- कबीर की साखी मीरा के पद गद्यखंड- पाठ- बडे भाई साहब डायरी का एक पन्ना संचयन- हरिहर काका व्याकरण- पदबंध , समास , मुहावरे
	14.	व्याकरण- रचना के आधार पर वाक्य रूपांतरण	भाषा ज्ञान में वृद्धि		लेखन- औपचारिक पत्र विज्ञापन
		स्पर्श-गद्यखंड- तीसरी कसम के शिल्पकार: शैलेंद्र			

	15.		फ़िल्मों में गहरी कलात्मकता की जानकारी मिलेगी।	तीसरी क्रम फ़िल्म देखकर छात्र पहले की और वर्तमान की फ़िल्मों में समानता और अंतर की कक्षा में चर्चा करे।	
अगस्त	16	स्पर्श-काव्यखंड-पर्वत प्रदेश में पावस	पर्वत प्रदेश में वर्षा ऋतु में होने वाले परिवर्तनों की जानकारी मिलेगी।	वर्षा ऋतु का चित्र भित्ति पत्रिका में बनाएं।	कक्षा परीक्षा-।। स्पर्श-काव्यखंड- मनुष्यता
	17	अपठित गद्यांश लेखन- औपचारिक पत्र	शब्द भंडार में वृद्धि		गद्यखंड- तीसरी क्रम के शिल्पकार शैलेन्द्र व्याकरण- रचना के आधार पर वाक्य रूपांतरण लेखन- लघु कथा लेखन
	18.	स्पर्श- गद्यखंड-पाठ अब कहाँ दूसरे के दुख में दुखी होने वाले	पर्यावरण में आए असंतुलन की जानकारी मिलेगी।	प्रतिवर्ष एक पौधा लगाइए और उसकी देखभाल कीजिए।	या ई- मेल लेखन
	19.	व्याकरण-रचना के आधार पर वाक्य रूपांतरण			

सितम्बर	20.	अप्रैल से अगस्त तक करवाए गए पाठ्यक्रम की पुनरावृत्ति		श्रवण-वाचन कौशल के मूल्यांकन के लिए गतिविधि कार्य	मध्यावधि परीक्षा पाठ्यक्रम स्पर्श-काव्यखंड : कबीर की साखी , मीरा के पद मनुष्यता , पर्वत प्रदेश में पावस स्पर्श- गद्यखंड : पाठ-बड़े भाई साहब, डायरी का एक पन्ना, ततारा-वामीरो कथा तीसरी कसम के शिल्पकार शैलेंद्र, अब कहाँ दूसरों के दुख से दुखी होने वाले संचयन- पाठ- हरिहर काका व्याकरण-पदबंध , समास , मुहावरे रचना के आधार पर वाक्य रूपांतरण लेखन-अनुच्छेद , औपचारिक पत्र ,सूचना लेखन , विज्ञापन लघु कथा लेखन या ई मेल लेखन
	21.	स्पर्श काव्यखंड-तोप	प्राचीन धरोहरों के महत्व की जानकारी मिलेगी।		
	22..	संचयन-पाठ-2-सपनों के से दिन	बाल मनोवैज्ञानिक को समझने में मदद मिलेगी।	प्राचीन धरोहरों को सहेजने के लिए उपाय	
	23.	स्पर्श काव्यखंड- कर चले हम फिदा	देश भक्ति की भावना बढ़ेगी	सुझाएँ और लिखें	
अक्टूबर	24.	स्पर्श गद्यखंड-पतझड़ में टूटी पत्तियाँ	शाश्वत मूल्यों की जानकारी मिलेगी	टी-सेरेमनी का चित्र बनाइए।	
	25.	स्पर्श-काव्यखंड-आत्मत्राण	सहनशीलता की भावना में बढ़ोतरी		

	26.	संचयन- पाठ- टोपी शुक्ला	साम्प्रदायिक सद्भावना में वृद्धि	रवींद्रनाथ ठाकुर से संबंधित जानकारी एकत्र करके लिखे।	
	27.	स्पर्श- गद्यखंड- पाठ कारतूस	देश भक्ति की भावना में वृद्धि	हिन्दू- मुस्लिम आदर्शों पर कक्षा में चर्चा स्वतंत्रता सेनानियों के साहसिक कारनामों की संक्षिप्त जानकारी लिखें।	
नवंबर	28.	संपूर्ण पाठ्यक्रम की पुनरावृत्ति			कक्षा परीक्षा- ।।। स्पर्श- काव्यखंड- तोप कर चले हम फिदा गद्यखंड-पाठ- पतझड़ में टूटी पत्तियाँ संचयन- सपनों के- से दिन श्रवण- वाचन कौशल मूल्यांकन के लिए गतिविधि कार्य
दिसंबर	29.	पूर्व बोर्ड- परीक्षा-1			संपूर्ण पाठ्यक्रम
जनवरी	30.	पुनरावृत्ति एवं पूर्व बोर्ड परीक्षा-2			संपूर्ण पाठ्यक्रम
फ़रवरी	31.	बोर्ड परीक्षा का आरंभ	शुभकामना संदेश		

SYLLABUS MATHEMATICS CLASS X(2023-24)

Month	Topics	Learning outcomes	Activities	Syllabus of the exam
April	Ch-1 Real Numbers	After studying this lesson, students will be able to explain Fundamental Theorem of Arithmetic. They will be able to calculate the HCF and LCM of numbers using the prime factorisation method. They will be able to prove irrationality of root 2, 3 and 5.	Worksheet	
	Ch-14 Probability	After studying this lesson, students will be able to understand the concept of theoretical probability. They will be able to explain various terms, such as equally likely outcomes, elementary event, complement of an event, sure event and impossible event. Moreover, they should be able to solve questions based on theoretical probability.	Worksheet	
	Ch-2 Polynomials	After studying this lesson, learners will be able to find the zero or zeroes of a polynomial by studying its graph. They will also be able to verify the relationship between the zeroes and the coefficients of quadratic polynomials	To draw the graph of a quadratic polynomial and observe: (i)The shape of the curve when the coefficient of x^2 is positive. (ii)The shape of the curve when the coefficient of x^2 is negative. (iii)Its number of zeroes.	
May	Ch-3 A pair of Linear equations in two variables	After studying this lesson, learners will be able to solve a pair of linear equations in two variables by using the graphical method as well as the algebraic methods, such as substitution, elimination method.They will be able to find consistent/inconsistent linear equation in two variables.	To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.	Class Test - I Syllabus : ch1 and 14
	Ch-13 Statistics	After studying this lesson, students will be able to calculate the mean and mode of grouped data. They will also be able to calculate the median of grouped data.	To find Mode geometrically of grouped data	
	Ch-4 Quadratic equations	After studying this lesson, learners should be able to identify a quadratic equation. They should also be able to find the roots of quadratic equations using the methods of factorisation. They should also use the quadratic formula to find the roots of a quadratic equation. Further, they should be able to find the nature of the roots of a quadratic equation and the sum and the product of the roots. They should be able to solve situational problems based on equations related to day to day activities.	Worksheet	
July	Ch-6 Triangles	After studying this lesson, learners will be able to explain the concept of similarity. They will be able to prove the basic proportionality theorem and its converse, the AAA similarity criterion, the SSS similarity criterion and the SAS similarity criterion.	To verify Basic Proportionality Theorem (Thales theorem)	Periodic Test-1 Syllabus: Ch 1,2,3,4
	Ch-5 Arithmetic Progressions	After studying this lesson, learners should be able to identify an AP. They should also be able to identify the first term and the common difference of an AP and find the nth term of an AP. Additionally, they should be able to find the sum of the first n terms of an AP and the sum of the first n positive integers.	To identify Arithmetic Progressions in some given lists of numbers (patterns). To find the sum of first n natural numbers.	

August	Ch-8 Introduction to Trigonometry	After studying this lesson, students should be able to cite the trigonometric ratios of an acute angle of a right angled triangle. They should also be able to work out the trigonometric ratios of specific angles such as 0° , 90° , 45° , 60° and 30° . Moreover, they should be able to use different trigonometric identities to solve questions.	Worksheet	Class Test - II Syllabus: Ch 5 and 6
	Ch-9 Application of Trigonometry	After studying this lesson, students should be able to know about various concepts related to trigonometry, such as line of sight, angle of elevation and angle of depression. They should also be able to solve word problems pertaining to heights and distances using the trigonometric ratios.	Worksheet	
September	Ch-10 Circles	After studying this lesson, learners will be able to explain the concepts of a tangent and a secant to a circle. Moreover, they will be able to prove theorems and solve exercises related to the tangents of a circle.	To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point. To verify that the lengths of tangents to a circle from some external point are equal.	Mid Term Syllabus: Ch1,2,3,4,5,6,8,9,13,14
	Ch-11 Area related to Circles	After studying this lesson, learners will be able to describe various geometrical terms related to a circle, such as chord, radius, diameter, arc, segment, sector and circumference. They will also be able to calculate the length of an arc of a circle and the areas of a sector and a segment of a circle. (Central angle restricted to 60° , 90° and 120°)	To obtain formula for area of a circle experimentally.	
October	Ch-7 Coordinate Geometry	In this lesson, the learners will learn to find the distance between two points whose coordinates are given. They will also learn to find the coordinates of a point that divides a line segment joining two points of known coordinates internally in a given ratio.	To verify section formula by graphical method.	
	Ch-12 Surface Area and Volume	After completing the lesson, learners should be able to calculate the surface areas and the volumes of the combination of solids.(Cubes , Cuboid , Sphere and Hemisphere)	To find the surface area of given solid (combination) shape.	
November	REVISION			Class Test - III Syllabus: Ch-7,10 and 12
December	REVISION			Pre- board - I exam
January	REVISION			Pre - board II exam
February	REVISION			Board Examination
March	Board Examination			

SOCIAL SCIENCE 2023-2024

CLASS-X (CBSE DIRECTED SYLLABUS)

MONTH	SUBJECTS	TOPICS	ACTIVITIES	LEARNING OUTCOMES	NAME OF THE EXAM WITH SYLLABUS AND TENTATIVE DATE
APRIL	HISTORY	L-1 The Rise Of Nationalism In Europe	The Rise Of Nationalism In Europe Some Important Dates And Events Are Mention On Pg. 8 Write Down On A4 Size Sheet.	Understand the way the idea of nationalism emerged and led to the formation of nation states in Europe and elsewhere	
APRIL	POLITICAL SCIENCE	L-1 Power Sharing	Draw A Flow Chart Of Composition Of Belgium And Sri Lanka On A4 Size Sheet	Familiarize with the centrality of power sharing in a democracy. Understand the working of spatial and social power sharing mechanisms.	
APRIL	GEOGRAPHY	L-1 Resources And Development	Outline Political Map Of India : Identification Only -MAJOR SOIL TYPES	Understand the importance of quality of life and sustainable development. Understand the value of resources and the need for their judicious utilization and conservation	
MAY	GEOGRAPHY	L- 2 FOREST AND WILD LIFE	MENTION FIVE ENDANGERED SPECIES OF ANIMAL AND PLACES WHERE THEY ARE FOUND.	Understand the importance of forests and wild life. Understand the ability and knowledge of how forest and wildlife conservation and management relate to the economy and environment both currently and in the future.	CLASS TEST-I (L-1 OF ECONOMICS AND L-1 OF POLITICAL SCIENCE)
MAY	ECONOMICS	L-1 Development	Take Five Indian Neighbouring Countries And Compare Their GDP, Birth Rate And Literacy Rate. Do It On A4 Size Sheet	Understand the rationale for overall human development in our country, which includes the rise of income, improvements in health and education rather than income	
MAY	POLITICAL SCIENCE	L-2 Federalism	Write Scheduled Languages Of India Refer On Pg.22 Write On A4 Size Sheet	Explain decentralization in rural and urban areas	
JULY	ECONOMICS	L-2 Sectors Of The Indian Economy	Mention Three Different Kinds Of Economic Activities Of Three Sectors Refer Pg. No. 20 And Do It On A4 Size Sheet.	Identify major employment generating sectors	
JULY	GEOGRAPHY	L-3 WATER RESOURCES	Outline Political Map Of India locating and labeling of Dams of India: 1. Salal 2. Bhakra Nangal 3. Tehri 4. Rana Pratap Sagar 5. Sardar Sarovar 6. Hirakud 7. Nagarjuna Sagar 8. Tungabhadra	Comprehend the importance of water as a resource as well as develop awareness towards its judicious use and conservation.	
JULY	HISTORY	L-3 THE MAKING OF GLOBAL WORLD SUBTOPICS: 1 TO 1.3 PRE MODERN WORLD TO CONQUEST AND DISEASE AND TRADE	WRITE FIVE IMPLICATIONS OF GLOBALISATION FOR LOCAL ECONOMIES	Show the globalization has a long history and point to the shifts within the process.	
JULY	HISTORY	L-2 Nationalism In India	Outline Political Map Of India Nationalism In India- (1918-1930) For Locating And Labelling/Identification Indian National Congress Sessions:	Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation	PT-I (APRIL TO MAY)
			A. Calcutta (Sep. 1920)		
			B. Nagpur (Dec. 1920)		
			C. Madras (1927)		

			2. Important Centres Of Indian National Movement		
			A. Champaran (Bihar)-Movement Of Indigo		
			B. Kheda (Gujarat)- Peasant Satyagrah		
			C. Ahmedabad (Gujarat)- Cotton Mill Workers Satyagraha		
			D. Amritsar(Punjab)- Jallianwala Bagh Incident		
			E. Chauri Chaura(U.P)-Calling Off The Non-Cooperation Movement		
			F. Dandi (Gujarat)- Civil Disobedience Movement		
AUGUST	GEOGRAPHY	L-4 Agriculture	Outline Political Map Of India (Identification only) A. Major Areas of Rice and Wheat B. Largest/Major Producer States of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute	Explain the importance of agriculture in national economy. Identify various types of farming and discuss the various farming methods; describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping pattern	CLASS TEST-II GEOGRAPHY L - 3 AND POL. SCI. L- 2
AUGUST	POLITICAL SCIENCE	L-4 GENDER, RELIGION AND CASTE (EXCLUDING IMAGE ON PAGE-46, 48, 49 OF NCERT TEXT BOOKS- DEMOCRATIC POLITICS-II REPRINTED EDITION 2021)	MAKE A POSTER ON "SAVE GIRL SAVE THE WORLD"	Identify and analyze the challenges posed by communalism to indian democracy.	
AUGUST	ECONOMICS	L-3 MONEY AND CREDIT	Fill And Paste A Cancelled Cheque Of Any Bank On A4 Size Sheet	Understand the role of financial institutions from the point of view of day- to- day life.	
AUGUST	GEOGRAPHY	L-5 Minerals And Energy Resources	Outline Political Map Of India Minerals (identification only) A. Iron Ore Mines- Mayurbhanj, Durg, Bailadila, Ballary, Kudremukh B. Coal Mines--- Raniganj, Bokaro, Talcher, Neyveli C. Oil fields--- Digboi, Nanarkatia, Mumbai High, Bassien, Kalol, Ankaleshwar Power Plants (locating and labelling only) A. Thermal--- Namrup, Singrauli, Ramagundam B. Nuclear-- Narora, Kakrapara, Tatapur, Kalpakkam	Identify different types of minerals and energy resources and places of their availability. Feel the need for their judicious utilization.	
SEPTEMBER			MID TERM APRIL TO AUGUST SYLLABUS		
OCTOBER	POLITICAL SCIENCE	L-6 Political Parties	Draw Logos Of Two State Parties And Two National Parties On A4 Size Sheet	Introduction to major political parties, challenges faced by them and reforms in the country	
OCTOBER	GEOGRAPHY	L-6 Manufacturing Industries	Outline Political Map Of India --- SOFTWARE TECHNOLOGY ----- A. Noida B. Gandhi nagar, C. Mumbai D. Pune E. Hyderabad F. Bengalur G. Chennai H. Thriuvananthapuram	Discuss the need for a planned industrial development and debate over the role of government towards sustainable development	

OCTOBER	HISTORY	L-5 PRINT CULTURE AND THE MODERN WORLD	WRITE FIVE LINES ON THE FIRST PRINTED BOOK	UNDERSTAND THAT FORMS OF WRITING HAVE A SPECIFIC HISTORY AND THAT THEY REFLECT HISTORICAL CHANGES WITHIN SOCIETY AND SHAPE THE FORCES OF CHANGE	
NOVEMBER	ECONOMICS	L-4 Globalisation And The Indian Economy TO BE EVALUATED IN THE BOARD EXAMINATION: *WHAT IS GLOBALIZATION? FACTORS THAT HAVE ENABLED GLOBALIZATION?	Draw Logos Of Any Five Companies Of Automobiles Sector On A4 Size Sheet	Discuss how globalization is experienced differently by different social groups	CLASS TEST - III SYLLABUS ECONOMICS L - 3 and 4

NOVEMBER	GEOGRAPHY	L-7 Lifeline Of National Economy- TO BE EVALUATED IN THE BOARD EXAMINATION * ROADWAYS TO RAILWAYS ONLY	Outline Political Map Of India	• Understand the role of trade and tourism in the economic development of a country	
			Locating And Labelling / Identify		
			Major Ports:		
			A. Kandla		
			B. Mumbai		
			C. Marmagao		
			D. New Manglore		
			E. Kochi		
			F. Tuticorin		
			G. Chennai		
			H. Vishakapatnam		
			I. Paradip		
			J. Haldia		
			International Airports		
			A. AMRITSAR (Raja Sansi - SRI GURU RAM		
			B.DELHI--- Indira Gandhi International		
			C. MUMBAI-----Chhatrapati Shivaji		
			D. CHENNAI---Meenam Bakkam		
			E. KOLKATA---Netaji Subhash Chandra Bose		
			F. HYDERABAD---Rajiv Gandhi		
NOVEMBER	DEMOCRACY	L-5 OUTCOMES OF DEMOCRACY	Make a flow chart on Outcomes of Democracy	Able to learn positive and negative aspects of democracy.	
NOVEMBER	FULL SYLLABU	REVISION TIME			
DECEMBER	FULL SYLLABU	PRE BOARD I			
JANUARY	FULL SYLLABU	PRE BOARD II			
FEBRUARY	FULL SYLLABUS	BOARD EXAM			

**CLASS-X
INFORMATION TECHNOLOGY(402)
SYLLABUS (2023-24)**

MONTH	CHAPTER	Learning Outcome	Art integration learning activity (Subject Enrichment // Multiple Assessment / Portfolio / Lab Activity / ASL etc.)	Name of the Exam with Syllabus and Tentative Date
March				
	Part A Unit-1 Communication Skills-II	<ul style="list-style-type: none"> ● Demonstrate knowledge of various methods of communication ● Provide descriptive and specific feedback ● Apply measures to overcome barriers in communication ● Apply principles of communication ● Demonstrate basic writing skills 		
	Part A Unit-5 Green Skills-I	<ul style="list-style-type: none"> ● Demonstrate the knowledge of importance, problems and solutions related to sustainable development 		
April				
	Part B Unit-1 Digital Documentation (Advanced)	<ul style="list-style-type: none"> ● Create and Apply Styles in the document ● Insert and use images in document ● Create and use template ● Create and customize table of contents ● Implement Mail Merge 	<ul style="list-style-type: none"> ● Explain the styles given in the Styles and formatting window for writer 	

May	Part A Unit-3 ICT Skills-II	<ul style="list-style-type: none"> • Distinguish between different operating system • Apply basic skills for care and maintenance of computer 	<ul style="list-style-type: none"> • Practice of creating , renaming and deleting files or folders, saving files in folders and sub-folders, restoring files and folder from recycle bin 	Class Test-I Part B unit 1
July				
			Part A Unit 1 & Unit 5 Part B Unit 1	Periodic Test I 15.7.2023 TO 21.7.2023
	Part B Unit 2 Electronic Spreadsheet (Advanced)	<ul style="list-style-type: none"> • Analyse data using scenarios and goal seek. • Link data and spreadsheets • Share and review a spreadsheet • Create and Use Macros in spreadsheet 	<p>Write the steps to record Macro in open office calc.</p> <p>Write the steps to record Macro in open office calc.</p> <p>Write the steps to consolidate data of two sheets in Open Office Calc .</p>	
August	Part A Unit-2 Self-Management Skills-II	<ul style="list-style-type: none"> • Apply stress management techniques • Demonstrate the ability to work independently 		
	Part B Unit-3 Database Management System	<ul style="list-style-type: none"> • Appreciate the concept of Database Management System • Create and edit tables using wizard and SQL commands • Perform operations on table • Retrieve data using query 		Class Test-II Part B unit 2

		<ul style="list-style-type: none"> ● Create Forms and Reports using wizard 		
September			Part B Unit 1 & 2 Part A Unit 2 & 3	MID TERM Examination 11.09.2023 To 22.9.2023
	Part B Unit-3 Database Management System(Cont.)			
	Part A Unit-4 Entrepreneurial Skills-II	<ul style="list-style-type: none"> ● List the characteristics of successful entrepreneur 		
October				
	Part B Unit-4 Web Applications And Security	<ul style="list-style-type: none"> ● Working with Accessibility Options. ● Understand Networking Fundamentals ● Introduction to Instant Messaging ● Chatting with a Contact – Google Talk ● Creating and Publishing Web Pages – Blog ...- ● Using Offline Blog Editors ● Online Transaction, Internet Security ● Maintain workplace safety, Prevent Accidents and Emergencies 	Illustrate the use of various options under computer Accessibility in Keyboard, Mouse, Display tab	

		<ul style="list-style-type: none"> • Protect Health and Safety at work 		
November	Revision			Class Test-III Part B Unit 3
December	PreBoard-I			
	Revision			
January	PreBoard-II			
February	Revision	Annual Examination		

SANT NIRANKARI PUBLIC SCHOOL

Syllabus(2023-2024)

Class: X Subject: Science

Month/ Days	Chapter	Scope/subtopics	Experiments
April	1. Chemical Reactions and Equations	Writing &balancing equations, implications of a balanced chemical equation, types of chemical reactions like combination, decomposition, displacement, double displacement, neutralization, oxidation - reduction. Corrosion, rancidity.	1) To perform & observe different types of reaction
April	5. Nutrition (life processes)	Basic concept of autotrophic, heterotrophic nutrition, saprophytic and parasitic nutrition, photosynthesis in plants, nutrition in amoeba and man.	
	Respiration (life processes) Transportation (life process) Excretion (life process)	Aerobic & anaerobic respiration, respiratory pathways, respiration in man. Transportation in human beings, blood circulation, working of heart, transport of water & food in plants. Excretion in humans, formation of urine, removal of wastes in plants .	2) To prepare a temporary mount of a leaf peel to show stomata. 3) To show that CO ₂ is given out during respiration.
April	11. Electricity	Electric current, P.D. circuit, Ohm's law, Resistance, factors on which resistance of a conductor depends, resistances in series ¶llel,	4) Verifying Ohm's law 5(A) To determine equivalent resistance in series.
May	12. Magnetic effect of current	heating effect of current, electric power Magnetic field lines, field due to a current carrying conductor and solenoid, force on current carrying conductor,Fleming's left rule ,domestic circuits,electric fuse,A.C and D.C	5(B) Determining equivalent resistance in parallel CLASS TEST- CHAPTER- 1,5(NUTRITION AND RESPIRATION), 11(UP TO PAGE.NO-180)

May	2. Acid, bases & salts	Definition of acids and bases in terms of furnishing of H ⁺ and OH ⁻ ions. Chemical properties of acids & bases, their reactions with metals, carbonates, oxides. Concept and importance of pH, salts.	6) (a) To find the pH of HCl, NaOH, CH ₃ COOH, Water & Na ₂ CO ₃ solution 6(b) studying the properties of acid, base on the basis of reactions
May and july	6. Control and coordination	Human nervous system, human brain, reflex action, plant hormones, animal hormones. Tropic and Nastic movements in plants.	
July	3. Metal and Non metals	Properties of metals & non-metals, reactivity series, formation & properties of ionic compounds, basic metallurgical processes, corrosion & its prevention .	7) To observe the action of Zn, Fe, Cu & Al on their salt sol. & make their reactivity series Periodic test 1- CH 5, CH 1, CH 9
July	9. Light-Reflection and refraction	Laws of reflection, images formed by convex concave mirrors, mirror formula, magnification. Laws of refraction, refractive index images formed by convex and concave lens, their applications, lens formula, magnification.	8) To determine the focal length of concave mirror, Convex lens CLASS TETS-2 CHAPTER-CHAPTER-2,5 (TRANSPORTATION, EXCRETION)
July and august	8. Heredity	Heredity, variation, Mendel's experiments and laws of inheritance, sex determination, health	9) To identify the different parts of embryo of dicot seed

AUGUST	13. Our environment	Components of ecosystems, food chain, food web, bio magnifications, ozone depletion, Biodegradable and non-biodegradable substances and garbage management	
AUGUST	REVISION OF MID TERM SYLLABUS	CHAPTER-1,2,3,5,6,8,9,11,12	
SEPTEMBER	MID TERM EXAM	CHAPTER-1,2,3,5,6,8,9,11,12,	
SEPTEMBER AND OCTOBER	4. Carbon & its compounds	Covalent bonds, versatile nature of carbon, homologous series, nomenclature of the compounds containing functional group, chemical properties of carbon compounds, ethanol, ethanoic acid, soaps & detergents.	10) To study cleansing capacity of soap in hard & soft water 11) To study the properties of acetic acid
October	7. How do Organisms Reproduce?	Asexual & sexual reproduction in plants & animals. Sexual reproduction in humans, reproductive health, family planning, AIDS, child bearing & women's health.	12) to study binary fission in amoeba & budding in yeast
OCTOBER	10. The Human Eye and the Colourful World	Structure of eye, defects of vision, its correction, dispersion of light, scattering of light, refraction through prism, applications in daily life.	13) To trace the path of light through a glass slab 14) To trace the path of light through prism
NOVEMBER			CLASS TEST-3 CHAPTER-4,7,10

DECEMBER		PRE BOARD 1(FULL SYLLABUS)	
JANUARY		PRE BOARD 2(FULL SYLLABUS)	
FEBURARY		REVISION OF THE CBSE BOARD SYLLABUS	

DATESHEET FOR THE YEAR OF 2023-24 (CLASS X)**TERM I
PERIODIC TEST 1**

REVISION DATES	10.07.2023 TO 14.07.2023	
DATE	DAY	SUBJECT
15.07.2023	SATURDAY	IT, DRAWING
17.07.2023	MONDAY	MATHS
18.07.2023	TUESDAY	SOCIAL SCIENCE
19.07.2023	WEDNESDAY	ENGLISH
20.07.2023	THURSDAY	SCIENCE
21.07.2023	FRIDAY	HINDI
RESULT PTM ON	AUGUST 5,2023 (SATURDAY)	
MID TERM		
REVISION DATES	AUGUST 28,2023 TO SEPT 8,2023	
11.09.2023	MONDAY	DRAWING AND IT
13.09.2023	WEDNESDAY	SCIENCE
15.09.2023	FRIDAY	MATHS
18.09.2023	MONDAY	SOCIAL SCIENCE
20.09.2023	WEDNESDAY	HINDI
22.09.2023	FRIDAY	ENGLISH
RESULT PTM ON	OCTOBER 7,2023(SATURDAY)	

**TERM II
PERIODIC TEST II/PREBOARD I**

REVISION DATES	NOVEMBER 20,2023 TO NOVEMBER30,2023	
DATE	DAY	SUBJECT
01.12.2023	FRIDAY	IT
04.12.2023	MONDAY	ENGLISH
06.12.2023	WEDNESDAY	HINDI
08.12.2022	FRIDAY	SCIENCE
11.12.2022	MONDAY	SOCIAL SCIENCE
13.12.2022	WEDNESDAY	MATHS
RESULT PTM ON	DECEMBER 30,2023(SATURDAY)	
PREBOARD II EXAM		
REVISION DATES	DECEMBER 14,2023 TO FEBRUARY 02,2024	

06.01.2024	SATURDAY	ENGLISH
08.01.2024	MONDAY	SOCIAL SCIENCE
10.01.2024	WEDNESDAY	SCIENCE
12.01.2024	FRIDAY	HINDI
15.01.2024	MONDAY	MATHS
17.01.2024	WEDNESDAY	IT
RESULT PTM ON	FEBRUARY 03,2024(SATURDAY)	