

SANT NIRANKARI PUBLIC SCHOOL
MONTHLY SYLLABUS (SESSION: 2023-24)

CLASS: X SUBJECT: ENGLISH COMMUNICATIVE (CODE 101)

Month	Ch. No	Details of the Chapter	Learning Outcome	Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)	Name of the Exam with Syllabus and Tentative Date
April	F-1	<u>LITERATURE</u> TWO GENTLEMEN OF VERONA	Students will be able to: <ul style="list-style-type: none"> - learn about the relation between loyalty and submission to passion. - develop reading literacy. - reinforce their language skills. - know that one's determination offers hope for the future. 	Portfolio Assignments LITERATURE – <ul style="list-style-type: none"> - Two Gentlemen of Verona - The Frog and The Nightingale (poem) 	
	P-1	THE FROG AND THE NIGHTINGALE (POEM)	The poem teaches us: <ul style="list-style-type: none"> - to have confidence in oneself and believe in one's own talent. - Detrimental consequences of being driven by flattery. 	Art Integration Learning Activity On the basis of the poem 'The frog and the Nightingale' design an attractive poster on A3 sheet on the moral values attained i.e. Positive Thinking/ Believe in Yourself	
	F-2	Mrs. PACKLETIDE'S TIGER	The chapter teaches us that : <ul style="list-style-type: none"> - One should not be jealous of others success. - flaws of human character like jealousy, vanity, apathy to wild animals should be kept away from. 		
	U-1	<u>MAIN COURSEBOOK</u> HEALTH AND MEDICINE	Students will be able to : <ul style="list-style-type: none"> - apprehend their reading and writing skills. - know that humour is infectious and has various health benefits. - visualise the importance of sports in one's life and the benefits of herbal plants as 'Nature's Medicine Chest'. 	Art Integration Learning Activity E NATURE'S MEDICINES Taking help from Unit – 1 , students to prepare a project on the utility of any two herbal plants. Also paste or draw pictures and write slogans for the same.	

	U-1	WORKBOOK INTEGRATED GRAMMAR – DETERMINERS	Learners will be able to: <ul style="list-style-type: none"> - know that a determiner appears before a noun (and its adjectives) to help us identify which person or thing the sentence is about, or how much or how many of them there are. - identify determiners within sentences. - use determiners accurately within sentences. - 	Portfolio Assignments on Integrated Grammar	
		WRITING SKILLS FORMAL LETTER – LETTER TO EDITOR	Letter writing enables students to : <ul style="list-style-type: none"> - Understand positive tone in writing. - Construct clear, understandable letters with appropriate format and language for specific circumstances. 		
May		WRITING SKILLS FACTUAL DESCRIPTION	Factual Description enables in : <ul style="list-style-type: none"> - developing competence, confidence and the ability to write independently. - developing emotional and imaginative life through writing. 	Portfolio Assignments LITERATURE – <ul style="list-style-type: none"> - Mrs. PACKLETIDE'S TIGER - Letter to Editor 	CT 1 (1/5/23 – 8/5/23) Syllabus : Literature- F 1 – Two Gentlemen of Verona P1- The Frog and the Nightingale (poem) Writing – Letter to Editor
		READING SKILLS Unseen Passage	Reading comprehension and answering the questions based on the same will help : <ul style="list-style-type: none"> - acquainting the students with reading comprehension strategies and skills. - facilitate their understanding and analysis of written texts effectively and easily. 		
	U-2	WORKBOOK INTEGRATED GRAMMAR – TENSES	Students will be able to: recognize and understand the meaning of targeted grammatical structures in written and spoken form.		

	U-3 U-4	SUBJECT VERB AGREEMENT NON FINITES- INFINITIVES AND PARTICIPLES	<p>Students will understand :</p> <ul style="list-style-type: none"> - basic rules of subject and verb in a sentence. - the organisation of subject and verb in a sentence pattern. <p>Students will be able to :</p> <ul style="list-style-type: none"> - Develop thinking skills. - Enrich vocabulary. - Understand the various concepts of non-finites and put them into practise to test their knowledge of English. 		
July	P-2 D-1 U-2	<p><u>LITERATURE</u> NOT MARBLE, NOR THE GILDED MONUMENTS (POEM)</p> <p>THE DEAR DEPARTED</p> <p><u>MAIN COURSEBOOK</u> EDUCATION</p>	<p>Students will understand :</p> <ul style="list-style-type: none"> - use of rhyming words in the poem. - that love and peace issue the ultimate force that can overpower any violence or destruction. <p>The Drama will :</p> <ul style="list-style-type: none"> - make the students analyse the difference between a story and drama. - inculcate in them the habit of reading. - help students to realise that we mustn't be greedy and self-centred with our kith and kin. <p>Students will be able to :</p> <ul style="list-style-type: none"> - apprehend their reading and writing skills along with vocabulary - adopt different strategies to convey ideas according to purpose or topic. 	<p><u>Art Integration Learning Activity</u></p> <p>STORY WRITING – Create a story with a moral and make a comic strip. Relate the theme of the same with any lesson of July from the Literature Reader.</p>	<p>PERIODIC ASSESSMENT – I (15/7/23 – 21/7/23) Syllabus :</p> <ul style="list-style-type: none"> ➤ Reading Skills ➤ Writing Skills (Factual Description & Letter to Editor) ➤ Integrated Grammar (Determiners ,Tenses, Subject Verb Agreement and Non Finites- Infinitives and Participles) ➤ Literature <p>F-1- Two Gentlemen of Verona F-2- Mrs. Packletide's Tiger P-1- The Frog and the Nightingale (Poem)</p>
	U-7	<u>WORKBOOK</u> INTEGRATED GRAMMAR – CONDITIONALS			

	U-11	MODALS	<p>Students will be able to utilise the knowledge of concept in improving written skills.</p> <p>The learners should be able to :</p> <ul style="list-style-type: none"> - use all the modal auxiliary verbs in context with clear understanding. 		
August	P-3	<u>LITERATURE</u> OZYMANDIAS (Poem)	<p>The poem teaches :</p> <ul style="list-style-type: none"> - to identify different methods of characterisation at work , locate examples and infer what the examples reveal. - About employment of various literary devices and Rhetorical expressions 		CT 2 (14//8/23 – 21/8/23) SYLLABUS :- LITERATURE F 3 – The Letter P-2 – Not Marble, nor the Gilded Monuments P-3 – Ozymandias
	F-3	THE LETTER	<p>The prose will enable the learners to :</p> <ul style="list-style-type: none"> - learn how to describe a person and his emotions. - enable the learners comprehend the lesson and develop a literary sensitivity in the learner. 		
	U-3	<u>MAIN COURSEBOOK</u> SCIENCE	<p>Students will enhance Reading and Writing skills through :</p> <ul style="list-style-type: none"> - designing a Science fiction story. - writing a description of self/ a place - matching headings to extracts - paragraph writing - writing a descriptive article/ speech/ report 	<p>Art Integration Learning Activity</p> <p>MAIN COURSEBOOK - SCIENCE</p> <p>Create an advertisement on A-4 sheet of any latest gadget and also prepare a write up of the same expressing its utility. Create a slogan, offer some discounts and give the presentation with the aim of promoting the product.</p> <p>Portfolio</p> <p>Assignments from MCB – Environment - Writing Skills</p>	

	U-4	ENVIRONMENT	<p>Students will enhance Reading and Writing skills through :</p> <ul style="list-style-type: none"> - skimming and scanning - comparing information from different sources for opposing viewpoints and accuracy - organising information from a variety of sources through poster/ report/ speech etc. 		
	U-6	<u>WORKBOOK</u> INTEGRATED GRAMMAR – CONNECTORS	<p>Students will be able to :</p> <ul style="list-style-type: none"> - identify words that function as connectors. - correctly use connectors to link simple sentences together. 		
	U-13	INTEGRATED GRAMMAR – REPORTED SPEECH	<p>Students will be able to :</p> <ul style="list-style-type: none"> - define dialogue and dialogue tags. - list rules to use when punctuating dialogues. - apply dialogue technique to present events and characters to engage the interest of an audience. - demonstrate the use of dynamic dialogues in writing. 		
		<u>WRITING SKILLS</u> FORMAL LETTER – PLACING ORDER & ENQUIRY	<p>Students will learn :</p> <ul style="list-style-type: none"> -To follow conventions of formal letter with respect to layout, solutions, etc. -Recognize and demonstrate use of appropriate vocabulary, style and tone in formal letters. - to write formal letters to people in immediate and extended social and academic environment for various purposes. 		
SEPTEMBER	ASL	ASL-Practice and Assessment (Term-1)	<p>Learners will be able :</p> <ul style="list-style-type: none"> - to get exposure to speaking and listening skills 	Subject Enrichment Activity (i)Speaking Skills	MID TERM (11/9/23 – 22/9/23) Syllabus :

			<p>- to identify their own strengths and develop areas of growth.</p> <p>-to demonstrate that challenges have been undertaken, developing new skills in the process with confidence.</p>	<p>POEM RECITATION – on the moral values attained from the poem ‘Ozymandias’.</p> <p>(ii) Listening Skills - Based on listening of a track</p>	<ul style="list-style-type: none"> ➤ Reading Skills (Unseen Passage) ➤ Writing Skills (Factual Description & Formal Letter Writing- Letter to Editor/Placing Order/Enquiry) ➤ Integrated Grammar (Determiners, Tenses, Subject Verb Agreement, Non Finites- Infinitives and Participles, Modals, Connectors & Reported Speech) ➤ Literature <p>F-1- Two Gentlemen of Verona F-2- Mrs. Packletide’s Tiger F-3- The Letter P-1- The Frog and the Nightingale (Poem) P-2-Not Marble, nor the Gilded Monuments (Poem) P-3- Ozymandias (Poem) D-1-The Dear Departed</p>
		Revision			
		MID TERM EXAM	<p>- Learners will get exposure to exams.</p> <p>- They will boost confidence on being attempted well by expressing their level of understanding of the text.</p>		

SEPTMBER	F-4	<u>LITERATURE</u> A SHADY PLOT	The story conveys the message : <ul style="list-style-type: none"> - that one should exercise caution in invoking powers over which they do not have any control. - that ghostly, supernatural elements can backfire. 		
	P-4	<u>LITERATURE</u> THE RIME OF THE ANCIENT MARINER (POEM)	The poem inspires the readers : <ul style="list-style-type: none"> - To cultivate interest in classical poems. - to understand the metaphorical representation of the various characters in the poem. - To appreciate all forms of life. 		
	F-5	PATOL BABU	The story will make the learners : <ul style="list-style-type: none"> - be adept in reading a long story - to know how idiomatic usage of the language is to be interpreted. - Outline the growth of the main character and empathise with him. 		
	U- 5	<u>WORKBOOK</u> INTEGRATED GRAMMAR - RELATIVES	The students will be able to : <ul style="list-style-type: none"> - convey their ideas in a well-connected and compact way. - Improve their writing skills with the use of relatives. 		
	U-12	ACTIVE AND PASSIVE	The students will be able to : <ul style="list-style-type: none"> - apply the grammatical concepts that requires thinking rather than mechanical application. - Understand the application of different forms of speech and learn their use of conversion. - Be confident in using the language. 		

OCTOBER	F-6	VIRTUALLY TRUE	<p>The Fiction will enable the students to :</p> <ul style="list-style-type: none"> - realise the difference between virtual phase and reality. - Understand computer simulated environment. 		
	P-5	<u>LITERATURE</u> SNAKE	<p>After the completion of poem :</p> <ul style="list-style-type: none"> - Learners will know about various literary devices. - Learners will realise the feeling of remorse for the past events. - Learners will be able to get the correct intonation, pause and rhyme of the poem. - Learners will be able to connect with the poem and theme 		
	D-2	JULIUS CAESAR	<p>Learners shall be able to :</p> <ul style="list-style-type: none"> - Discuss the ways in which characters use language to manipulate or deceive others. - summarize key plot points in Julius Caesar; analyse characters in Julius Caesar - appreciate the poetic devices used in the poem. 		
		<u>WRITING SKILLS</u> EMAIL WRITING	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Create clear and well-written messages. - Improve the writing style. - Organize information more effectively. 		
		ARTICLE WRITING BASED ON VERBAL CUES	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Create clear and well-written articles. - Improve the writing style. - Organize information more effectively. 		

	<p>U-5</p>	<p>MAIN COURSEBOOK TRAVEL AND TOURISM</p>	<p>Students will enhance Reading and Writing skills through:</p> <ul style="list-style-type: none"> - summarizing - writing an additional scene - debates - interviews with characters - vocabulary dictionaries and posters 	<p>Art Integration Learning Activity : Travel Brochure Making Taking into account the reference from Unit -5 'Travel and Tourism', design a colourful and attractive travel brochure of Sikkim with special emphasis on costumes, cuisines, tourist places, adventure sports, culture , famous personalities etc.</p>	
	<p>U-6</p>	<p><u>MAIN COURSEBOOK</u> NATIONAL INTEGRATION</p>	<p>Students will enhance Reading and Writing skills through :</p> <ul style="list-style-type: none"> - Independent reading-oral presentation in class - Rewriting in different styles. - Essays - Newspaper reports - Debates - Empathetic exercises 		

		WORKBOOK INTEGRATED GRAMMAR	<p>Students will be :</p> <ul style="list-style-type: none"> - tested on vocabulary and language skills at the same time - encouraged to think carefully about word choice. - Able to solve the questions based on omission with ease. 		
	U- 8	COMPARISON			
	U -9	AVOIDING REPETITION – SUBSTITUTION AND OMISSION			
	U- 10	NOMINALISATION	<p>Students will be able to:</p> <p>recognize and understand the meaning of targeted grammatical structures in written and spoken form.</p>		
	U-14	PREPOSITIONS	<p>Learners will be well versed with usage of prepositions of time, place and special prepositions used with specific words.</p>		

NOVEMBER		<u>REVISION</u>		<p><u>Art Integration Learning Activity</u> On the basis of Unit –6 (MCB), National Integration, students to prepare for a group discussion on the topic” Destabilising Forces Within a Country: Challenges to a Nation” along with attractive and informative banners depicting the same.</p>	<p>CT – 3 (2/11/23 – 8/11/23) SYLLABUS :- Literature :</p> <ul style="list-style-type: none"> - F-4 A Shady Plot - P-4- The Rime of The Ancient Mariner (Poem) - Article Writing based on verbal cues
----------	--	-----------------	--	---	---

DECEMBER		<u>REVISION</u>		<p><u>Art Integration Learning Activity</u> Students to present a speech along with a poster on the same, on the following topics (Roll no. wise) :</p> <ul style="list-style-type: none"> a. The Right to Education Act is a realistic and achievable goal that will change the face of education in India. b. Empowering the girl child is the best way to empower the nation. c. Inclusive Education is not an alternative but an inevitability . d. The growing need for Vocational Education. 	<p>Exam: PREBOARD – 1 Dates: 01.12.23 to 13.12.23</p> <p>Entire Syllabus</p>
----------	--	-----------------	--	---	--

JANUARY		<u>REVISION</u>	<p>Students will be:</p> <ul style="list-style-type: none"> - able to recall previous learning. - gain confidence after getting clarity and giving answers in brain storming session. 	<p><u>Art Integration Learning Activity</u> Students to write a letter to the Editor about the importance of a school playground. They also need to draw the scene of a school playground on A3 sheet.</p>	<p>PREBOARD – II (8/1/24 – 19/1/24) ENTIRE SYLLABUS</p>
	ASL	ASL-Practice and Assessment	<p>Learners will be able :</p> <ul style="list-style-type: none"> - to get exposure to speaking and listening skills - to identify their own strengths and develop areas of growth. - demonstrates that challenges have been undertaken, developing new skills in the process and confidence. 	<p>Subject Enrichment Activity (ASL) (i) Speaking Skills Conversation based on given situation. (ii) Listening Skills Based on listening of a track</p>	
FEBRUARY	Final Exam	*Revision *Final exam			

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 बढ़ेगी	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_3COOH , Water & Na_2CO_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)	