

PARENT SYLLABUS (2022-23) CLASS X ENGLISH - CLASS X

<u>Books Prescribed</u>: FIRST FLIGHT - Textbook in English for Class X - NCERT Footprints without Feet - Supplementary Reader in English for Class X - NCERT WORDS AND EXPRESSIONS – II (Workbook for Class X)

Month	No. of Periods &	Learning Outcomes	Activities	Assessments
	Topics Covered			
March	A Letter to God ~	To be able to	Reading of the text	- Oral questioning in the
	G.L.Fuentes	- sequence the main events of the	Discussion:	class
		story	- A belief in God that he will always carry you and	
		- express opinions on the irony and	never leave you whenever troubles come your	- Individual Tasking:
		humour and use of figurative language	way.	Class and home
		in the story	- Use of figurative language in the story, making it	assignments
		- contribute meaningfully to a	a masterpiece.	
		discussion on faith in god can move	- Reaction on receiving the letter and lesson learnt	
		mountains	Practice & Assignment Worksheets	
		- explain the meanings of unfamiliar		
		words.		
		- analyse the character traits of Lencho		
		and the postmaster		
March	Dust of Snow ~ <i>Robert</i>	To be able to	Discussion:	- Oral questioning in the
	Frost	- speak of an incident when they have	- Nature has its own mysteries and living in the	class
		felt down and a welcome interruption	midst of nature can be an enriching experience.	
		changed their mood.	- Views on the main ideas contained in each	- Individual Tasking:
		- identify the setting of the poem	stanza.	Class and home
		- present their views on the main ideas	- The poem's relevance in today's time	assignments
		contained in each of the two verses	- The healing power of nature.	
		- identify the poetic devices used in the	Practice & Assignment Worksheets	

		poem. - identify the rhyme scheme and rhyming words		
March	Fire and Ice ~ <i>Robert Frost</i>	To be able to - recall some interesting facts about the poet Robert Frost - summarise the poem in their own words - compare the message conveyed in each of the two poems by Frost - analyse the title, tone, theme ,literary devices used in the poem - express opinions on why one needs to be compassionate and kind	Discussion: - End of the world as a result of human misdeeds'- Different theories - Theme and message conveyed through the poem Practice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments
April	A Triumph of Surgery ~ James Herriot	To be able to - summarize at least a part of the lesson in their own words. - explain the meaning of difficult words and phrases and use them in their answers. - justify the title of the lesson - analyse the character traits of Mrs. Pumphrey and Dr. Herriot - answer textual questions	Reading of the text Discussion: - Effects of overindulgence and pampering by parents - The author's love for animals and the simplicity with which he describes it. Practice & Assignment Worksheets	- Oral questioning in the class - Individual Tasking: Class and home assignments
April	The Thief's Story ~ <i>Ruskin Bond</i>	To be able to - understand the underlying meaning of the passage. - frame at least one question after reading the story - write a diary entry as the thief - analyse the character traits of Anil & Hari Singh	Reading of the textDiscussion:Analysing actions and character traits of Anil &Hari SinghDebate:Punishment does not always reform a criminalPractice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments
April	Nelson Mandela: Long Walk to Freedom	To be able to - summarize at least a part of the	Reading of the text Watching the Movie: Long Walk to Freedom	- Exit Slip: Students will write a character trait of

	~ Nelson Rolihlahla Mandela	 lesson in their own words. collect information/ incidents related to apartheid and share it in the class explain the meaning of difficult words and phrases and use them in their answers. analyse the aspects of Mandela's character revealed in the extract state the ideals that Nelson Mandela had set for South Africa. discuss the concept of twin obligations and its relevance to daily life. 	Class Discussion: How does discrimination of any kind affect lives? Web chart for character sketch of Nelson Mandela Practice & Assignment Worksheets	Nelson Mandela, with supporting incident/ statement from the lesson. - Oral questioning in the class - Individual Tasking: Class and home assignments
Мау	A Tiger in the Zoo ~ <i>Leslie</i> <i>Norris</i>	To be able to - recite the poem with correct pause, stress and intonation - identify the use of poetic devices - contrast the tiger in the zoo with the tiger in the jungle - write a gist of the poem in their own words	Discussion: - Are zoos necessary for the protection or conservation of some species of animals? - Are they useful for educating the public? - Are there alternatives to zoos? Practice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments
Мау	Two Stories about Flying I. His First Flight ~ <i>Liam O'</i> <i>Flaherty</i> II. Black Aeroplane ~ <i>Frederick Forsyth</i>	To be able to - deduce and state the meaning of difficult words with the help of clues in the text. - organize the events in the order in which they happened. - justify the title of the story - analyse the character sketch of the protagonist	 Reading of the text Discussion: Importance of independence, self-belief and confidence Need for motivation to attain goals Mysterious occurrences: Who helped the pilot of Dakota? Art Integration: Students will brainstorm the theme/ message conveyed through the lesson, 'His First Flight' and design a poster on the same. Practice & Assignment Worksheets 	 Oral questioning in the class Individual Tasking: Class and home assignments Weekly Test 1 (29.04.22): A Letter to God Dust of Snow Fire and Ice Nelson Mandela: Long Walk to Freedom A Triumph of surgery Integrated Grammar Letter to the Editor

				8. Unseen passage
July	How to Tell Wild Animals ~ Carolyn Wells	To be able to - state the specific behaviour of at least two animals - comment on the use of humour in the poem - frame at least two questions from the poem	Quizzing: Students will ask questions from the stanza being discussed in the class. Practice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments Weekly Test 2 (08.07.22): Two Stories About Flying A Tiger in the Zoo The Thief's Story Integrated Grammar Letter of complaint Unseen passage
July	The Ball Poem ~ John Berryman	To be able to - explain the meaning of difficult words and phrases - summarize the poem in their own words - identify the use of poetic devices in the poem - comment on the themes of the poem	Class Discussion: - One should learn to accept and let go and not stick to something that we cannot have. - Messages conveyed through the poem Practice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments
July	From the Diary of Anne Frank ~ <i>Anne Frank</i>	To be able to - find out the meaning of difficult words using a dictionary - debate on the given topic and put forth their viewpoint - analyse the character traits of Anne Frank and Mr. Keesing	Reading of the text Debate: A real friend vs a diary Discussion: Paper has more patience than people Web chart for character sketches of Anne Frank & Mr. Keesing Practice & Assignment Worksheets	 Oral questioning in the class Individual Tasking: Class and home assignments
July	Amanda! ~ <i>Robin Klein</i>	To be able to - recite the poem in pairs (alternate	Narration: Story of Rapunzel Discussion:	- Quiz using Google Form

		stanzas) - comment on the themes of the poem - share personal experiences related to nagging - analyse the character traits of Amanda - narrate/ write the story of Rapunzel in brief. - share their childhood fantasies - summarize the poem in their own words/ write in the brief the central idea of the poem.	Themes of the poem - End of childhood - Expected behaviour of young women - Does Amanda want to postpone the process of growing up? Art Integrated Activity: Compose a short poem expressing your fantasies as a teenager. Worksheet No. 16	 Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
July	Footprints Without Feet ~ <i>H.G.Wells</i>	To be able to - make a flowchart depicting sequence of events in the story - find out the meaning of difficult words using a dictionary - comment on the humour in the story - discuss how misuse of a scientific discovery can play havoc with humanity	Reading of the text Discussion: - Misuse of a scientific discovery can play havoc with humanity - Character traits of Griffin and Mrs. Hall Practice Worksheet & Assignment	 Oral questioning in the class Individual Tasking: Class and home assignments
July	Glimpses of India I. A Baker from India ~ Lucio Rodrigues	To be able to - list some factors that contribute to unity in diversity - match the paragraphs with the headings - prepare a concept map on the various aspects of the passage - express opinions on whether the story is in the genre of a fairy tale - contribute meaningfully to a discussion on Goan culture - deduce the meanings of unfamiliar words.	Reading of the text Art Integrated Acitivity: Panel Discussion: Form small groups to research about Goa. Select one student from each group to be a panellist for a panel discussion about the state. Technology A Baker from Goa digital story https://www.youtube.com/watch?v=eixMnVZwB8Y Art Integrated Activity: Compose any two newspaper headlines to sum up the content of the lesson. Practice Worksheet & Assignment	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom

	II. Coorg ~ Lokesh Abrol	 familiarize themselves and talk about a tourist place of India. read and identify the main points of the text. summarise the main points in the text 	 Flipped classroom Students to go through the videos on Coorg and read up about the author Lokesh Abrol Panel Discussion Form small groups to research about Coorg Select one student from each group to be a panellist for a panel discussion about the state. Art Integrated Activity: Prepare a chart of feelings related words. Use different colours to represent different feelings/emotions. Practice Worksheet & Assignment 	Form - Fishbowl: Students prepare five questions based on comprehension of the passage - Oral questioning in the class - Individual Tasking: Class and home assignments through Google Classroom
July	Glimpses of India III. Tea from Assam ~ Arup Kumar Datta	To be able to - recall some interesting facts about the author Arup Kumar Datta - list some factors that contribute to unity in diversity in the country - prepare a concept map on the various aspects of the strategy on a chart paper. - contribute meaningfully to a discussion on the tea plantations of Assam	Reading of the textFlipped classroomStudents to go through the videos on Tea gardensof Assam and read up about the author Arup DuttaPanel DiscussionForm small groups to research Assam and the teagrowing and harvesting process.Select one student from each group to be apanellist for a panel discussion about the state.Practice Worksheet & Assignment	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
August	The Trees ~ Adrienne Rich	To be able to - identify the use of poetic devices in the poem - explain the literal and symbolic meaning of the poem - interpret the theme of the poem - answer at least two questions based on the poem	Research about the author and share some information Group Discussion: What will happen if we curb the freedom of -trees and plants -animals -humans Practice Worksheet & Assignment	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
August	Writing Skills	I o be able to	Brainstorm	Letter Writing task

	Letter placing an order Letter of Enquiry	- classify the different kinds of orders into different categories eg. for school purposes, for personal needs, for an organisation	The pre-requisites to write an effective letter Group activity Classification of kinds of orders under different categories	
		 make a list of value points to use in each category compare and contrast the value points of the different categories propose a few value points which should not be used in the letter create a framework by sequencing the value points in order, such that the content of the letter gets a logical flow and a sense of completion use the acquired knowledge to write a letter to place an order for sports equipment for the sports room work in groups to peer edit write five top tips for a model letter 	Individual Activity: Write 5 top tips for writing a model letter for placing an order	
August	Assessment of Speaking and Listening Skills	To be able to - speak for/ against the given topic - use the language and vocabulary appropriately	Research on the topic given during summer vacation	Rubrics for ASL - Interaction - Vocabulary - Relevance - Coherence of ideas - Pronunciation
August	Analytical Paragraph – based on the given map/ chart/ report/ line graph	To be able to - analyse the given data - express ideas effectively - write a paragraph keeping in mind the given tips.	Research: Use of internet usage by various age groups Group Activity: Analyse the data	Write an analytical paragraph
August	The Midnight Visitor ~ Robert Arthur	To be able to - find out and explain the meaning of at least five difficult words - summarize at least a part of the story in their own words - analyse character traits of Ausable,	Research about the author and share information about him. Narration: Quote real life experiences wherein they have acted calm and wise in a situation of danger and surprise	- Quiz using Google Form - Oral questioning in the class

August	A Question of Trust ~ Victor Canning	Fowler and Max To be able to - present their views on the main ideas contained in each paragraph - unlock the meaning of difficult words using different strategies - analyse the character traits of Horace Danby	Practice Worksheet & Assignment Reading of the text Discussion: There is no honour among thieves Role Play: Dialogue between the lady in red and Horace Danby Practice Worksheet & Assignment	- Individual Tasking: Class and home assignments through Google Classroom
August	Mijbil the Otter ~ Gavin Maxwell	To be able to - sum up the story in their own words - analyse the theme of the lesson	 Think-Pair-Share: Make a list of the things you need to know about the pet in order to take good care of it. Eg: The food it eats Research: Cooperative Learning Each group to do their own research and report their findings in class. What does the SPCA — the Society for the Prevention of Cruelty to Animals say about how to care for a pet What animals can we keep as pets (some species are protected under the laws for wildlife preservation) The laws for exporting and importing or trading in animals Rules for transporting goods, pets, etc. on aircraft. Think-Pair-Share The ethics of keeping wild animals as pets: difficulties these may entail? 	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
August	Fog ~ Carl Sandburg	To be able to - analyse the extended metaphor in the poem and draw out the analogy	Research on the concept of Zoomorphism Technology <u>https://www.youtube.com/watch?v=gTZb5HWFGIs</u> Carl Sandburg's fog Visuals of the stages of formation of fog	 Oral questioning in the class Individual Tasking: Class and home assignments through

			Group Activity: Create metaphors	Google Classroom
			Practice Worksheet & Assignment	
August	The Making of a Scientist	To be able to	Reading of the text	- Quiz using Google
	~ Robert W. Peterson	- create a flowchart depicting	Taskaslam	Form
		frame atleast two questions from the	rechnology	Oral quantianing in the
		- Italie alleast two questions from the	Liston to the noom: Archimodos Principlo	
		- analyse the charactertraits of Ebright	Listen to the poem. Archimedes Finicipie	01035
			Technology Video Walk the talk	- Individual Tasking
			http://www.voutube.com/watch?v=dKUOrvUOt0E -	Class and home
			Ramakrishnan as he talks to journalist Shekhar	assignments through
			Gupta	Google Classroom
			Art Integrated Activity:	
			Design a business card for Ebright from the story.	
			The business card should be relevant to the	
			context and should indicate the details of the	
			Character as they are presented in the story.	
			Fractice worksheet & Assignment	
September	Madam Rides the Bus	To be able to	Reading of the text	- Quiz using Google
	~ Vallikkannan	- research and share a few points	Research about the author and share information	Form
		about the author	about him.	
		- deduce the meaning of difficult words	Class Discussion: The ability and courage to	- Oral questioning in the
		- analyse the character traits of Valli	take risk is essential to fulfil one's dream.	class
		- answer textual questions		
			Practice Worksheet & Assignment	- Individual Tasking:
				Class and nome
				Google Classroom
September	The Tale of Custard the	To be able to	Recitation of the poem	FIRST FLIGHT
	Dragon	- identify the use of poetic devices	Watch the video: Ballad of Birmingham	
	~ Ogden Nash	- comment on the use of humour in the	Group Activity: In groups, elaborate the following	Prose
		poem	points to summarize the poem:	
		- share information about the author	- Belinda and her pets	1. A Letter to God 2. Nelson Mandela - Long
		- analyse the hidden message/	- Custard Mocked	Walk to Freedom
		meaning of the text	- Pirate attack	3. Two Stories About Flying
1				

			- The brave Custard	5. Glimpses of India
			- Custard not given his due	Mijbil the Otter
			Discussion:	Poems
			Barking dogs coldom hito ~ rolovance to roal life	1. Dust of Snow
			Darking dogs selucin bile ~ relevance to rear me	2. Fire and Ice
			Practice worksneet & Assignment	3. A Tiger in the Zoo
				4. How to Tell Wild Animals
				5. The Ball Poem
				6. Amanda!
				7. The Trees
				FOOTPRINTS WITHOUT
				1. A Triumph of Surgery
				2. The Thief's Story
				3. The Midnight Visitor
				4. A QUESTION OF THUST
				Grammar:
				Integrated Grammar
				2 Models
				3 Subject – verb concord
				4 Reported speech -
				Commands and requests
				Statements Questions
				5 Determiners
				Writing Skills
				1 Formal Letters –
				Letter of complaint
				Letter of placing an order
				Letter of enquiry
				Letter to the editor
				2. Analytical Paragraph
October	The Sermon at Benares	To be able to	Reading of the text	- Quiz using Google
		- speak about the life of Cautama	Narration: Sharing anecdote/ stories about	Form
		- Speak about the life of Odutaria	Cautama Duddha	1 OIII
		Buudha		
		- narrate the story of Kisa Gotami	Think & Share: Values learnt from the lesson	- Oral questioning in the
		- discuss the values learnt from the	Practice Worksheet & Assignment	class
		lesson	_	
		- frame questions from the text		- Individual Tasking
				Class and homo
				assignments through
				Google Classroom

October	For Anne Gregory ~ William Butler Yeats	To be able to - research and share information about the author - justify the title - debate on current relationships and what they are based on - identify the poetic devices - frame ans answer questions	Class Discussion cum Debate Whether unconditional love exists in today's day and age Think-Pair-Share Use of poetic devices Practice Worksheet & Assignment	 Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
October	The Necklace ~ Guy de Maupassant	To be able to - make predictions about the text as a pre reading activity - contribute meaningfully to a discussion on the given questions - arrive at the themes of the story and how they apply in real life - create a new ending of the story - participate in the literature classroom	 Reading of the text Literature Chatroom: 1. How can we look at this story from the feminist perspective? What does it say about women? 2. Can you think when you kept a secret from someone for a similar reason? How did you handle it? 3. Is there a moral to this story? 4. Do you agree with Guy Maupassant that, "Women have no caste or class"? Today does this also apply to men? 5. Did the Loisel's choose the right action when they found the necklace missing? Did they have other choices? Why did they not choose another action? 6. Why was Madame Loisel unhappy with her life at the opening of the story? 7. Can you relate this story to anything else we have read or done in class? 	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
October	Bholi ~ K.A. Abbas	To be able to - deduce the meaning of difficult words/ use a dictionary for the same. - summarize atleast a part of the story in their own words - list changes that they would like to bring in the society -participate in the debate cum discussion on the given topic	Reading of the text Debate/ Discussion: Dowry system in India – Is it still prevalent? Think & Share: Character sketches of Bholi, Ramlal and the teacher Art Integrated Activity: Write a poem/ design a poster on 'Girl Education' Practice Worksheet & Assignment	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through

		-answer textual questions and RTCs.		Google Classroom
October	The Proposal ~ Anton Chekov	To be able to - summarize at least a part of the story in his/ her own words. - draw a flowchart depicting sequence of events in the story - analyse the character traits of the main characters - identify the use of satire in the story - answer at least two textual questions	Reading of the text Experiential Learning Interviewing a few teachers/ helpers in school to find out their views on importance of economic security in a marriage Think-Pair-Share - List of customs similar to Indian ones - Customs different from Indian ones Web Chart Character sketches Discussion Marriage for economic security – Relevance in today's world Practice Worksheet & Assignment	 Quiz using Google Form Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
October	The Book That Saved the Earth ~ Claire Boiko	To be able to - deduce the meaning of difficult words - share their viewpoint on the theme, 'Half knowledge is dangerous' - analyse the character traits of the two main characters. - contribute meaningfully to the discussion on the questions.	Individual Sharing instances wherein half fed knowledge has proved to be disastrous Cooperative Learning Reading Mother Goose rhymes Web Chart Character traits of Think-Tank and Noodle	 Oral questioning in the class Individual Tasking: Class and home assignments through Google Classroom
November	Writing Skills (Revision)	To be able to - classify the different kinds of orders into different categories eg. for school purposes, for personal needs, for an organisation - make a list of value points to use in each category - compare and contrast the value points of the different categories - propose a few value points which should not be used in the letter - create a framework by sequencing the value points in order, such that the	Brainstorm The pre-requisites to write an effective letter Group activity Classification of kinds of orders under different categories Individual Activity: Write 5 top tips for writing a model letter for placing an order	Letter Writing task

		content of the letter gets a logical flow and a sense of completion		
		- use the acquired knowledge to write		
		a letter to place an order for sports		
		equipment for the sports room		
		- work in groups to peer edit		
		- write five top tips for a model letter		
December	Revision	To be able to	Mock Tests	Syllabus for Revision Test
December	ACTISION .	- frame and answer questions based	Class Discussions	FIRST FLIGHT
		on the tenies mentioned in the cullebus		Prose
			Class Tests	1. A Letter to God
				2. Nelson Mandela - Long
		- attempt practice papers		Walk to Freedom
				3. Two Stories About Flying
				Frank
				5. Glimpses of India
				6. Mijbil the Otter
				7. Madam Rides the Bus
				8. The Sermon at Benares
				9. The Proposal (Play)
				Poems
				2 Fire and Ice
				3 A Tiger in the Zoo
				4. How to Tell Wild Animals
				5. The Ball Poem
				6. Amanda!
				7. The Trees
				8. Fog
				9. The Tale of Custard the
				10 For Anne Gregory
				FOOTPRINTS WITHOUT
				FEET
				1. A Triumph of Surgery
				2. The Thief's Story
				3. The Midnight Visitor
				4. A Question of Trust
				6 The Making of a Scientist
				7 The Necklace
				8. Bholi
				9. The Book That Saved the
				Earth

				Grammar: Integrated Grammar 1. Tenses 2. Modals 3. Subject – verb concord 4. Reported speech - Commands and requests, Statements, Questions 5. Determiners Writing Skills 1. Formal Letters – Letter of complaint Letter of placing an order Letter of enquiry Letter to the editor 2. Analytical Paragraph
				2. Analytical Paragraph
January	Revision	To be able to - frame and answer questions based on the topics mentioned in the syllabus - clear doubts, if any - attempt practice papers	Mock Tests Class Discussions Class Tests	Pre-Board Exams: Same as Revision Test Syllabus

विषय - हिंदी कक्षा - दसवीं

मास	प्रकरण /उपविषय/ कालांश	प्राप्त उपलब्धियाँ/अधिगम बोध	गतिविधियाँ/	मूल्यांकन
			रचनात्मक-क्रियाकलाप	
मार्च	स्पर्शः-	प्रत्येक छात्र,	-कार्यपत्र में दिए गए अपठित-	प्रश्नोत्तरी विधि द्वारा
	बड़े भाई साहब - पठन,	-प्रत्येक छात्र बाल मन की स्वभाविक इच्छाओं के	गद्यांश को समझ कर विचार	प्रश्नों के उत्तर पूछकर व
	स्पष्टीकरण	परिपेक्ष्य में कहानी समझ पाएगा।	विनिमय करेंगे।	उनका लेखन
	आशय स्पष्ट,	-शिक्षा के साथ खेल-कूद भी स्वस्थ व्यक्तित्व के		करवाकर।
	विषयबोध संबंधी प्रश्नोत्तर,	विकास के लिए अनिवार्य हैं समझ पाएगा।	कला एकीकरण	-कार्यपत्रों द्वारा,
	मुहावरे	-पुस्तकीय ज्ञान के साथ व्यावहारिक ज्ञान का होना	भूमिका निर्वहून -बड़े भाई	बहुविकल्पीय प्रश्न,
	साखी	आवश्यक हैं-अपने अनुभवों पर चर्चा करते हुए	साहब के व्यक्तित्व तथा छोटे	प्रदत्त कार्य के माध्यम
	दोहों का सस्वर	समझ पाएगा।	भाई के व्यक्तित्व में अंतर।	से।
	वाचन,व्याख्या-भावार्थ	- भूमिका निर्वहन(रोल प्ले) द्वारा बड़े भाई साहब	-समय नियोजन की महत्ता-	
	विषयबोध संबंधी प्रश्नोत्तर	के व्यक्तित्व तथा छोटे भाई के शरारती स्वभाव को	समय सारिणी तैयार करना।	
		समझ पाएगा।	-परीक्षा पास कर लेना ही	

	व्याकरण मुहावरे-अर्थ, वाक्य प्रयोग	-मनुष्य मात्र के स्वभाव एवं व्यवहार की जानकारी प्राप्त कर पाएगा। -समय के प्रबन्धन व व्यवहार कुशलता के प्रति जागरूक हो पाएगा। -बंधुत्व की भावना जीवन में क्यों आवश्यक है,जान पाएगा। -पाठ के लेखक के विचार तथा संदेश के प्रतिपादन पर सोच-विचार कर पाएगा।	योग्यता का आधार है-पर वाद विवाद। - दोहों का विभिन्न शैलियों में गायन-जैसे-रैप,जैज़ आदि। कबीर ने अपनी साखियों में झूठी मान्यताओं, कुरीतियों एवं आडंबरों का खंडन किस प्रकार किया है-लघु नाटिका।	
अप्रैल शिक्षण दिवस -१८	स्पर्श- साखी स्पर्श- तताँरा कथा वामीरो पठन, स्पष्टीकरण, आशय स्पष्ट, विषयबोध संबंधी प्रश्नोत्तर स्पर्श- मीरा के पद व्याख्या-भावार्थ विषयबोध संबंधी प्रश्नोत्तर व्याकरण- वाक्य रूपांतरण, समास रचनात्मक लेखन –	- दोहों में वर्णित भावों को हृदयंगम कर पाएगा। - दोहों के भाव को अपने दैनिक जीवन के व्यवहार के संदर्भ में जोड़ कर देख पाएगा(मीठी वाणी से क्या लाभ है?) -भाषिक अभिव्यक्ति और व्याकरण संबंधी ज्ञान प्राप्त कर पाएगा। -साखी (दोहों) का वाचन कर भावानुभूति तथा सौंदर्यानुभूति का विकास कर पाएगा। -किस्से -कहानियाँ, लोक कथाओं में अंतर को समझ पाएगा। - लोक कथाओं के महत्व को जान पाएगा। - परम्पराओं और रूढ़ियों के अंतर को समझ पाएगा। - रूढ़ियों एवं हानिप्रद परम्पराओं पर चर्चा कर पाएगा। - लोक कथा पर चर्चा करते हुए व्याख्यात्मक तथा समीक्षात्मक अर्थ बोध ग्रहण कर पाएगा। पदों की भावानुभूति तथा सौंदर्यानुभूति से परिचित हो पाएगा। काव्य के भावों को बोधगम्य करके अपने शब्दों में प्रस्तुत कर पाएगा।	- दोहों का विभिन्न शैलियों में गायन-जैसे-रैप,जैज़ आदि। -कबीर ने अपनी साखियों में झूठी मान्यताओं, कुरीतियों एवं आडंबरों का खंडन किस प्रकार किया है- लघु नाटिका। -देश -विदेश की विभिन्न लोकथाओं का संकलन। -अंडमान निकोबार द्वीप समूह के पारम्परिक लोक संगीत/वाद्य यंत्रो की जानकारी एकत्र कर कक्षा में प्रस्तुतीकरण। मीरा के पदों का गायन /मीरा के जीवन की किसी भी घटना का नाट्य मंचन/ स्वरचित लघु कथा का मंचन	प्रश्नोत्तरी विधि द्वारा प्रश्नों के उत्तर पूछकर व उनका लेखन करवाकर। -कार्यपत्रों द्वारा, बहुविकल्पीय प्रश्न, प्रदत्त कार्य के माध्यम से।

	-लघु कथा लेखन			
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जुलाइ (२०)	स्पश-मनुष्यता (कावता)	मनुष्य मात्र के स्वभाव एव व्यवहार पर चंची कर	-कावता का कुछ पाक्तया द दा	प्रश्नात्तरा विधि द्वारा
	कवि परिचय	पाएगा।	जाएगा	प्रश्ना क उत्तर पूछकर व
	-प्रतिपाद्य,भावार्थ(५)	- मनुष्य में परोप्कार्, उदारता, सहानुभूति जेस्	-कुछ छात्र संस्वर वाचन करेग	उनका लेखन
	-कार्यपत्र	गुण हा वास्तव म उस मनुष्य बनात ह-पर चर्चा कर	कुछ गायन करग,कुछ छात्र	करवाकर्।
	4/1444	पाएगा।	चित्रं बनाएग,कुछ कहानी/ लेख	-कार्यपत्री द्वारा,
		-म्हान व्यक्ति जैसे रतिदेव, कर्ण, दर्धाचि ऋषि क	लिखग।	बहुविकल्पीय प्रश्न,
		परोपकारी जीवन कथा को स्पष्ट समझ पाएगा।	मूल्याकन बिदु-(गीत / कहानी)	प्रदत्त कार्य के माध्यम
		-पठित पदों के माध्यम से दूसरों के हितचिंतन को	-अभिव्यक्ति	से।
		सर्वापरि मानने की भावना का विकास कर पाएगा।	-आरोह-अवरोह	
		्कविता के अंत में नवीन तथा कठिन शब्दों को	-उच्चारण	<u>२८/७/२२</u>
		रेखांकित कर उनके अर्थ जान पाएगा। जैसे-	-प्रस्तुतीकर्ण	<u>(साप्ताहिक परीक्षा)</u>
		सुमृत्यु, अमत्ये-अंक,क्षुधार्थ, करस्थ, परार्थ	२- विचाराभिव्यक्ति -व्यक्ति व	स्पर्श- मनुष्यता,
		-सामासिक शब्दों जैसे त्रिलोकनाथ का ज्ञान प्राप्त	समाज परस्परावलंबी है।	अब कहाँ दूसरों के
		कर पाएगा।		दुःख से दुखी होने वाले
		-कविता को गीत के रूप में सुनकर कविता की		संचयन - हरिहर काका
		लय और ताल का आनंद उठा पाएगा।		व्याकरण-
		-कक्षा चर्चा द्वारा प्रश्न-उत्तर पर चर्चा कर पाएगा।		-रचना के आधार पर
		आधुनिक युग में प्रकृति की दशा पर अपने विचार		वाक्य रूपांतरण,
		्रीभव्यक्त कर पाएगा।		समास
		विकार कायों को पयोवरण की दृष्टि पर महत्व		लेखन
	अब कहाँ दसरों के दःख से	देकर अपने भावों को व्यक्त कर पाएगा।	'पड़ लगाओं पड़ बचाओं'	सूचना लेखन
	दखी होने वाले (4)		विषय पर विज्ञापन।	
	पर्वत प्रदेश में पावस		२- विचाराभिव्यक्ति -	
	(२)व्याकरण-समास (२)		किसी घटना का वर्णन जब	
	- पटबंध (४)		किसी पशु⁄पक्षी के प्रति अपनी	
	-रचनात्मक लेखन		संवदना का प्रकट किया हो।	
	सूचना लेखन (२)			

	विज्ञापन लेखन (१)			
अगस्त (१९)	स्पर्श- डायरी का एक पन्ना (३)	डायरी लेखन विधा से परिचित हो प्रदत्त विषय पर अपने विचारों की अभिव्यक्ति डायरी लेखन द्वारा कर पाएगा। आज़ादी के महत्व को समझते हुए देशप्रेम की भावना जाग्रत कर पाएगा। सभाओं व उत्सवों का प्रविवेचन तैयार करना सीख पाएगा। प्रत्यक्ष घटनाओं का वर्णन कर पाएगा। प्रतीक और धरोहर के महत्व को समझते हुए	१-आज़ादी के लिए किए गए संघर्षों पर विचाराभिव्यक्ति २-परतंत्र एवं स्वतंत्र भारत में महिलाओं का योगदान एवं भूमिका में अंतर-परिचर्चा। देश भक्तों का पात्र चरित्रांकन	अधिगम का आकलन हेतु विभिन्न गतिविधियों के माध्यम से सीखने की संप्राप्तियों का मूल्यांकन किया जाएगा। -प्रश्नोत्तरी विधि द्वारा प्रश्नों के उत्तर पूछकर व उनका लेखन करवाकर।
	तोप (कविता)(२)	कविता के भाव को समझ पाएगा। विरासत में मिली चीज़ों की देखभाल करनी चाहिए और उन्हें संभाल कर रखने की आवयशक्ता को समझ पाएगा। -अमूल्य आज़ादी के प्रति साहस भाव से परिचित हो पाएगा।	छात्रों का एक समूह कुछ (५) स्वतंत्रता सेनानियों सैनिकों के बारे में जानकारी एकत्र कर उनके योगदान को कहानी के रूप में लिखेंगे।	कार्यपत्रों द्वारा, बहुविकल्पीय प्रश्न, प्रदत्त कार्य
	कर चले हम फ़िदा (गीत) (३)	-दश का सामा का रक्षा करने वाल सानको का अभिलाषा कि देश की रक्षा के लिए प्राण तक दे देना वाज़िब है- को समझ पाएगा। देश व्यक्तिगत हित से बढ़ है-इस भावना को समझ पाएगा। - गाँव का जीवन, गांववालों का शिक्षा के प्रति दृष्टिकोण को समझ पाएगा।-गाँव के बच्चों का रंग- ढंग आदि का जीता-जागता वर्णन/चित्रण पढ़ कर	'देश व्यक्तिगत हित से बढ़ा हैं'/ 'फ़िल्मों का समाज पर प्रभाव' विषय पर वाद-विवाद। 'अनुशासन के लिए दंड आवश्यक'- परिचर्चा	
	संचयन- सपनों के से दिन (३) व्याकरण- -रचना के आधार पर वाक्य रूपांतरण (१) -मुहावरे (१) -रचनात्मक लेखन ई-मेल लेखन (२)	कहानी के भाव को समझ पाएगा। -शारीरिक दंड बच्चों के विकास में बाधक है पर चर्चा कर पाएगा। -बच्चों के विकास में शिक्षा के साथ खेल का उचित समन्वय होना ज़रूरी है पर अपने विचार प्रकट कर पाएगा।		

सितंबर	स्पर्श- आत्मत्राण (कविता)(४)	जीवन में आने वाली प्रत्येक चुनौती का सामना हिम्मत से करने की भावना को समझ पाएगा। आत्मविश्वास बनाए रखने की सीख को समझ पाएगा। जीवन में आने वाली समस्या का सामना किस प्रकार किया जा सकता है पर चर्चा कर कविता के भाव को समझ पाएगा।	परिश्रम या भाग्य-परिचर्चा जीवन में आने वाली समस्या का सामना किस प्रकार किया जा सकता है-अनुच्छेद लेखन	मध्यावधि परीक्षा स्पर्श-बड़े भाई साहब,तताँरा कथा वामीरो , अब कहाँ दूसरों के दुःख से दुखी होने वाले, - डायरी का एक पन्ना, साखी,मीरा के पद, मनुष्पता,तोप, कर चले हम फ़िदा,आत्मत्राण संचयन-हरिहर काका,सपनों के से दिन। व्याकरण-रचना के आधार पर वाक्य रूपांतरण, समास,मुहावरे, पदबंध लेखन-अनुच्छेद, औपचारिक पत्र, सूचना लेखन, लघु कथा लेखन /ई-मेल लेखन विज्ञापन
अक्टूबर (१३)	स्पर्श- पतझर में टूटी पत्तियाँ	-काल्पनिक और यथार्थ जीवन में अंतर समझ पाएगा। आदर्शवादी और व्यवहारवादी आचरण से समाज में परिवर्तन आ सकता है पर चर्चा कर पाएगा। -शाश्वत मूल्यों की प्रासंगिकता पर चर्चा कर पाएगा। -वर्तमान समय में तनाव के बढ़ते प्रभाव के कारणों पर चर्चा कर पाएगा। - तनाव के बढ़ते प्रभाव के कारणों को जानकर मानसिक शांति पाने के प्रयासों को समझ पाएगा। -अपने देश के साथ-साथ जापान की संस्कृति से भी	-मानसिक शांति के लिए भारतीय परंपराएँ एवं जापानी परम्पराओं का तुलनात्मक विश्लेषण 'ऐसे वैसे जैसे भी,बस काम होना चाहिए'-परिचर्चा मानचित्र के माध्यम से चाय उत्पादक राज्य के विषय में जानकारी एकत्रित करना।	अधिगम का आकलन हेतु विभिन्न गतिविधियों के माध्यम से सीखने की संप्राप्तियों का मूल्यांकन किया जाएगा। -प्रश्नोत्तरी विधि द्वारा प्रश्नों के उत्तर पूछकर व उनका लेखन करवाकर।

	कारतूस व्याकरण-समास पदबंध	परिचित हो पाएगा। -पाठ के अंत में छात्र तनाव मुक्त जीवन पर अपने विचारों की अभिव्यक्ति कर पाएगा। -जापानी परंपराओं एवं भारतीय परंपराओं की तुलना कर पाएगा। -कक्षा चर्चा में अपने विचार व्यक्त कर पाएगा। नाटक और एकांकी के अंतर को पाठ के संदर्भ में समझ पाएगा। -देश भक्त वज़ीर अली की जाँबाज़ी और वीरता से परिचित हो पाएगा। -कार्यपत्र में पाठ पर आधारित प्रश्नों के उत्तर दे पाएगा।	- भूमिका निर्वहन वज़ीर अली,सआदत अली का चरित्र चित्रण करते हुए उनकी चारित्रिक विशेषताओं को अभिनीत करेंगे। एकांकी मंचन 'कारतूस' अथवा अन्य एकांकी (स्वतंत्रता आंदोलन पर आधारित) की पटकथा लिख कर मंचन करेंगे। -देश भक्ति पर <u>कविता/गीत</u> लिख कर उसका लयात्मक प्रस्तुतीकरण करेंगे।	कार्यपत्रों द्वारा, बहुविकल्पीय प्रश्न, प्रदत्त कार्य
नवंबर	संचयन-टोपी शुक्ला -रचनात्मक लेखन ई-मेल लेखन लघु कथा लेखन	'टोपी शुक्ला' कहानी के संदर्भ को समझते हुए जीवन में मित्रों की महत्ता पर चर्चा करते हुए अपने अनुभव बता पाएगा। -शिक्षा की उपयोगिता समझते हुए शिक्षा प्रणाली की तुलनात्मक जानकारी सहभागिता के माध्यम से प्राप्त कर पाएगा। -खेल और शिक्षा में समन्वय स्थापित करना जान पाएगा।	'आपकी कल्पना का आदर्श शिक्षक'- विचाराभिव्यक्ति	पुनरावृत्ति परीक्षा संपूर्ण पाठ्यक्रम
दिसंबर	स्पर्श- पठित पाठों का प्रत्यसमरण एवं बोर्ड परीक्षा प्रश्नपत्रों का पूर्वावलोकन करते हुए लिखित और चर्चात्मक	पाठों एवं कविताओं के संदेश के प्रतिपादन पर सोच- विचार कर पाएगा। -कक्षा चर्चा में अपने विचार व्यक्त कर पाएगा। -कक्षा में हो रही पुनरावृत्ति में भाग ले पाएगा ।	पठित सामग्री के विचारावेश में अपनी सहभागिता का प्रदर्शन करेंगे। - पठित सामग्री से सम्बंधित सामूहिक गतिविधियाँ में भाग	प्रश्नोत्तरी विधि द्वारा प्रश्नों के उत्तर पूछकर व उनका लेखन करवाकर। -कार्यपत्रों द्वारा,

	पुनरावृत्ति।	-कक्षा में हो रही चर्चा से संबंधित कम-से-कम	लेंगे।	बहुविकल्पीय प्रश्न,
	पठित कविताओं का	तीन से चार वाक्य बोल पाएगा।		प्रदत्त कार्य के माध्यम
	प्रत्यसमरण एवं बोर्ड परीक्षा			सं, आनलाइन-गूगल
	प्रश्नपत्रों का पूर्वावलोकन			प्रपत्रा पर अभ्यास क मन्त्रांकन टाग
	करते हुए लिखित और			मुल्याकन द्वारा पूर्व बोर्ड परीक्षा
	चर्चात्मक			पुनरावृत्ति परीक्षा
	पुनरावृत्ति।			संपूर्ण पाठ्यक्रम
जनवरी	व्याकरण-समास, मुहावरे,	कक्षा चर्चा में अपने विचार व्यक्त कर पाएगा।	पठित सामग्री के विचारावेश में	प्रश्नोत्तरी विधि द्वारा
	वाक्य रूपांतरण,पदबंध के	-कक्षा में हो रही पुनरावृत्ति में भाग ले पाएगा	अपनी सहभागिता का प्रदर्शन	प्रश्नों के उत्तर पूछकर व
	नियमों का प्रत्यस्मरण एवं		करेंगे।	उनका लेखन
	बोर्ड परीक्षा प्रश्नपत्रों का	-कक्षा में हो रही चर्चा से संबंधित कम-से-कम	- पठित सामग्री से सम्बंधित	करवाकर।
	पूर्वावलोकन करते हए	तीन में चार वाक्स बोल प्राप्तगा।	सामूहिक गातावाधया म भाग जेंगे।	-कायपत्रा द्वारा, तटविकनीण प्रथ
	लिखित और चर्चात्मक	्लिखित अभ्यास कार्य कर पाप्रिया।		षहु।प्रयः स्वायं क्रे माध्यम
	पतरावति।	-प्रारूप के अनसार २५-३० शब्दों में दिए गए		से. ऑनलाइन-गगल
	र्युगराप्राता	विषय पर सूचना लिख पाएगा ।		प्रपत्रों पर अभ्यास के
	लखन-जापयारिक	- प्रारूप के अनुसार औपचारिक पत्र लिख		मूल्यांकन द्वारा
	५३,अनुच्छद,सूचना			पूर्व बोर्ड परीक्षा
	लेखन,विज्ञापन रचना के	ाटन विषय पर विज्ञात रचना कर पाएगा।		पुनरावृत्ति परीक्षा
	प्रारूप का प्रत्यस्मरण एवं			सपूर्ण पाठ्यक्रम
	बोर्ड परीक्षा प्रश्नपत्रों का			
	पूर्वावलोकन करते हुए			
	लेखित और चर्चात्मक			
	पुनरावृत्ति।			

MATHEMATICS PARENT SYLLABUS CLASS X

MONTH	TOPICS / NUMBER OF PERIODS	LEARNING OUTCOMES	ACTIVITIES	ASSESSMENTS

MARCH	Topic: Essential Concepts (1) Topic: Number System Bridge Course (1)	 Each student will be able to: (i) recall and apply the previously learnt essential concepts of class IX (ii) recall and state the interrelations between various number systems (iii) find HCF and LCM of given numbers 	 Students will read the handout given in class IX on Number System and the video links shared on Google Classroom to revise the parts of number system and the interrelations between them, HCF and LCM of numbers and clarify their doubts, if any. 	 Oral Questions Google Form /Quiz for diagnosing the learning gaps Class Participation: Written and oral
	Topic: Real Numbers (5)	 Each student will be able to: (i) state and represent the interrelations between number systems (ii) state Euclid's Division Lemma (iii) state and apply Euclid's Division Algorithm to find the HCF of given numbers (iv) state and apply the Fundamental Theorem of Arithmetic (v) find HCF and LCM of the given numbers by prime factorization method (vi) state and apply the relationship between HCF and LCM of given numbers (vii) write the irrationality proofs (viii) state whether a given rational number is terminating or non- terminating, (ix) convert given rational number into a decimal (x) predict if a given decimal 	 Students will solve questions from Ex-1.1, 1.2,1.3 and 1.4 of NCERT Textbook and Assignment on Real Numbers including the case studies Art Integration Students will draw Venn diagram for representing the Real Number System Students will read the given flowchart, Mind Map and Handout on Real Numbers Students will read and practice solved examples of NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral Questions Few questions from Ex1.1, 1.2,1.3 and 1.4 of NCERT Textbook and Assignment (Work submission) Online Quiz-Google Form Class Participation: Written and oral Art integrated learning

		expansion is rational or irrational, giving reasons		
	Topic: Polynomials-Bridge course (1)	Each student will be able to: (i) recall, revise and apply the algebraic identities (ii) divide two polynomials by long division method (iii) recall and state the types of polynomials on the basis of number of terms as well as on the basis of its degree	Students will recall, revise and apply the algebraic identities, division of polynomials and classification of polynomials done in Class IX and clarify their doubts, if any.	 Oral Questions Written Questions
	Topic: Polynomials (1)	Each student will be able to: (i) interpret the type of polynomial and the number of zeroes of the polynomial from its graph (ii) find the zeroes of a quadratic polynomial and verify the relationship between the zeroes and coefficients of the polynomial	 Students will solve questions from Ex-2.1 and 2.2 of NCERT Textbook Students will read solved examples from NCERT Students will read the given flowchart, Mind Map and Handout on Polynomials Students will watch the related videos shared on Google Classroom 	 Oral Questions Few questions from Ex-2.1 and 2.2 of NCERT Textbook (Work submission) Class Participation: Written and oral
APRIL	Topic: Polynomials (Contd.) (6)	Each student will be able to: (i) find the zeroes of a polynomial (quadratic and cubic) and verify the relationship between the	Students will solve questions from Ex- 2.2 and 2.3 of NCERT Textbook and Assignment	 Oral Questions Few questions from Ex-2.2 and 2.3 of NCERT Textbook and Assignment

	zeroes and coefficients of a polynomial (ii) obtain a quadratic polynomial, given sum and product of its zeroes (iii) divide a polynomial by another polynomial and verify the result using division algorithm	 on Polynomials including case studies Students will read the given flowchart, Mind Map and Handout on Polynomials Students will read and practice solved examples of NCERT Textbook Students will watch the related videos shared on Google Classroom 	(Work Submission) • Online Quiz-Google Form • Class Participation: Written and oral
Topic: Linear Equations in Two Variables Bridge Course (1)	Each student will be able to: (i) solve a linear equation in two variables algebraically (ii) represent a linear equation in two variables graphically	Students will recall and revise the mentioned topics and clarify their doubts, if any. They will also apply algebraic as well as graphical methods for solving given linear equations in two variables	 Oral and written Questions Graphs for diagnosing the learning gaps
Topic: Pair of Linear Equations in Two Variables (12)	 Each student will be able to: (i) convert a daily life situation into a pair of linear equations in two variables (ii) find the solution of a given pair of linear equations in two variables graphically (iii) compare the coefficients of a pair of linear equations in two variables to state: (a) the type of graphical representation (b) number of solutions (c) whether the pair of equations is consistent or inconsistent 	 Students will solve questions from Ex-3.1, 3.2, 3.3,3.4,3.5 and 3.6 of NCERT Textbook and Assignment on A Pair of Linear Equations in Two Variables Including case studies Students will read and practice solved examples of NCERT Textbook Art Integration Graphing Art- Rangoli Students will apply knowledge gained on graphs of linear 	 Oral Questions Few questions from Ex-3.1, 3.2, 3.3, 3.4, 3.5 and 3.6 of NCERT Textbook and Assignment (Work Submission) Online Quiz-Google Form Class Participation: Written and oral Art integrated learning

		 (iv) find the solution of a given pair of linear equations in two variables algebraically (v) apply mathematical knowledge to solve real life situations by converting them into a pair of linear equations in two variables and solving them algebraically 	 equations in one or two variables and showcase their creativity on a graph paper. Students will read the given flowchart, Mind Map and Handout on A Pair of Linear Equations in Two Variables Students will read and practice solved examples of NCERT Textbook Students will watch the related videos shared on Google Classroom 	
Lab Activit Topic: Pair Equa Varia	y (1) r of Linear ations in Two ables	Each student will be able to: obtain the conditions for consistency of a system of linear equations in two variables by graphical method	 Students will perform the mentioned activity on consistency of a system of linear equations in two variables in lab file using graph papers 	 SE Activity Neatness and accuracy of the activity done (Work Submission)
Topic: Qua	adratic Equations (5)	Each student will be able to: (i) state the standard form of quadratic equation (ii) check whether a given equation is quadratic or not (iii) obtain the roots of quadratic equation by 2 methods - (a) by using factorization (b) by applying the quadratic formula	 Students will solve questions from Ex1,4.2 and 4.3 of NCERT Textbook Students will read the given flowchart, Mind Map and Handout on Quadratic Equations Students will read and practice solved examples from NCERT Textbook Students will watch the 	 Oral Questions Few questions from Ex-4.1,4.2 and 4.3 of NCERT Textbook (Work Submission) Class Participation: Written and oral

			related videos shared on	
			Google Classroom	
MAY	Topic: Quadratic Equations (8)	Each student will be able to:	Students will solve	Oral Questions
		 (i) obtain the roots of quadratic equation by applying the quadratic formula (ii) demonstrate the strategies of finding roots and determine the nature of roots of a quadratic equation (iii) represent a given situation into a quadratic equation and state whether that given situation is possible or not and solve it, if possible. (iv) compute the discriminant of a quadratic equation and hence comment upon the nature of the roots of quadratic equation 	 Students will solve questions from Ex- 4.3 and 4.4 of NCERT Textbook and Assignment on Quadratic Equations including case studies Students will read the given flowchart, Mind Map and Handout on Quadratic Equations Students will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral Questions Few questions from Ex-4.3 and 4.4 of NCERT Textbook and Assignment (Work Submission) Online Quiz-Google Form Class Participation: Written and oral Weekly Test –I on 13.05.22 Syllabus: Topic: Real Numbers Topic: Polynomials Topic: Pair of Linear Equations in Two Variables
	Topic: Arithmetic Progressions (18)	 Each student will be able to: (i) identify if the given sequence is an AP or not (ii) compute the common difference of an AP and hence write its subsequent terms (iii) interpret and analyze different situations in an AP (statement questions) (iv) state two formulae of Sn (v) apply the formulae for 	 Students will solve questions from Ex- 5.1, 5.2 and 5.3 of NCERT Textbook on Arithmetic Progressions including case studies Students will read the given flowchart, Mind Map and Handout on Arithmetic Progressions Students will read and practice solved 	 Oral Questions Few questions from Ex-5.1,5.2 and 5.3 of NCERT Textbook and Assignment (Work submission) Online Quiz-Google Form Class Participation: Written and oral

	Tonic: Arithmetic Progressions (3)	S _n in different situations (vi) find the p th term from the end of a given AP (vii) obtain an AP given a _n or S _n Each student will be able to:	examples from NCERT Textbook • Students will watch the related videos shared on Google Classroom	• Oral Questions
JULT	HHW Discussion and doubt clarification (2)	 (i) interpret and analyze different situations in an AP (statement questions) and solve them by applying formulae for an and Sn (ii) assess their solutions to questions given in Revision Assignments during vacation after discussion in the class and get their doubts clarified followed by corrections, if any. 	 Students will solve questions from Ex- 5.3 of NCERT Textbook and Assignment on Arithmetic Progressions including case studies They will read and practice solved examples from NCERT Textbook They will do corrections, if any, of the questions solved from 5 Revision Assignments given for practice during summer vacation 	 Oral Questions Few questions from Ex- 5.3 of NCERT Textbook and Assignment (Work submission) Online Quiz-Google Form Class Participation: Written and oral
	Topic: Triangles (10)	 Each student will be able to: (i) identify congruent and similar figures (ii) distinguish between congruency and similarity of triangles. (iii) state and apply rules for similarity of plane figures (iv) state, prove and apply Basic Proportionality Theorem (v) state and apply the rules for similarity of Δs in different situations viz. AAA/AA, SSS, SAS 	 Students will solve questions from Ex-6.,6.2 and 6.3 of NCERT Textbook and Assignment on Triangles including case studies Art Integration Proportional Art Congruency and similarity in figures influenced the cultural heritage of our country, specially the Tribal Art. Prepare an art piece connecting congruency and similarity with the tribal art of India. They will read the flowchart, 	 Oral Questions Few questions from Ex-6.1,6.2 and 6.3 of NCERT Textbook and Assignment (Work Submission) Online Quiz-Google Form Class Participation: Written and oral Art integrated learning

			 Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	
Topic: C	Coordinate Geometry (8)	 Each student will be able to: (i) state the distance formula (ii) apply distance formula to: (a) calculate distance between two points (b) determine if the three given points are collinear or not (c) calculate the coordinates of a point equidistant from the two given points (d) interpret the type of triangle or quadrilateral (e) calculate the distance of a point from origin (iii) state the section formula and apply it to: (a) obtain the ratio in which a point divides the line segment internally (b) given the ratio, obtain the coordinates of the points dividing the 	 Students will solve questions from Ex- 7.1 and 7.2 of NCERT Textbook and Assignment on Coordinate Geometry including case studies Art Integration Students will create amazing patterns and designs using the coordinate axes <u>https://youtu.be/ihGiJLYrNV/w</u> Example They will read the flowchart, Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral Questions Few questions from Ex-7.1 and 7.2 of NCERT Textbook and Assignment (Work Submission) Online Quiz-Google Form Class Participation: Written and oral Art integrated learning

		line segment (c) compute the points of trisection of a line segment		
Topic:	Probability (3)	Each student will be able to: (i) cite examples from daily life situations based on applications of probability (ii) distinguish between experimental and theoretical probability (iii) apply the formulae and numerically compute the probability of events such as tossing a coin, deck of cards, rolling a die etc. (iv) interpret the probability of a sure event, impossible event, elementary and complementary events (v) prove that the sum of probabilities of all elementary events in an experiment always 1	 Students will learn and apply the formula for finding the probability of an event to solve questions from Ex-15.1 and Assignment They will read the flowchart, Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral questions Few questions from Ex- 15.1 of NCERT Textbook and Assignment (Work submission) Class Participation: Written and oral Online Quiz-Google Form
Lab Ao Topic:	ctivity (1) Arithmetic Progressions	Each student will be able to: verify that the given sequence is an arithmetic progression	• SE Activity Students will perform the mentioned activity on AP in lab file	 Neatness and accuracy of the activity done (Work Submission)
Lab Ad Topic:	ctivity (1) Arithmetic Progressions	Each student will be able to: verify that the sum of first n natural numbers is {n(n+1)} /2 by graphical method	• SE Activity Students will perform the mentioned activity on AP in lab file	 Neatness and accuracy of the activity done (Work Submission)

	Tania Introduction Ta	Fook student will be able to:		Weekly Test-2 on 22 nd July, 2022 Syllabus: Ch 4: Quadratic Equations Ch 5: Arithmetic Progressions Ch 6: Triangles
AUGUST	Topic: Introduction To Trigonometry (10)	 Each student will be able to: (i) calculate all the T-ratios of acute angles from a given right Δ, given any one t-ratio (ii) state and apply T-ratios of specific angles viz. 0°,30°,45°,60° and 90° (iii) prove and obtain the T-ratios of 30°, 45° and 60° (iv) state and prove the basic trigonometric identities (v) apply the basic trigonometric identities in different situations to prove the given trigonometric identities 	 Students will solve questions from Ex-8.1,8.2 and 8.4 of NCERT Textbook and Assignment They will read the flowchart, Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral Questions Few questions from Ex-8.1,8.2 and 8.4 of NCERT Textbook and Assignment (Work Submission) Online Quiz-Google Form Class Participation: Written and oral
	Topic: Some Applications of Trigonometry (5)	Each student will be able to: (i) identify and define angle of elevation and angle of depression (ii) represent given situation via figure depicting the angle of elevation and depression and hence solve for computing the height of a tower, tree, pole, building, distance of a ship from	 Students will learn and apply the formulae of trigonometric ratios and Pythagoras theorem to solve questions from Ex-9.1 and Assignment They will read the flowchart, Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the 	 Oral questions Few questions from Ex- 9.1 of NCERT Textbook and Assignment (Work Submission) Class Participation: Written and oral Online Quiz-Google Form

	a light house or two objects on opposite sides of a hill, width of a river etc. by applying the trigonometric ratios	related videos shared on Google Classroom	
Topic: Statistics (8)	 Each student will be able to: (i) apply the formulae and compute mean of given grouped data by direct method, assumed mean method and step deviation method and find the missing frequencies, if the mean of data is given (ii) apply the formula and compute mode of grouped data (iii) apply the formulae and compute the median of grouped data and find missing frequencies if the median of data is given (iv) state and apply the empirical formula on relationship between mean, median and mode 	 Students will learn and apply the formulae on mean and mode of grouped data to solve questions from Ex-14.1, 14.2,14.3 and Assignment They will read the flowchart, Mind Map and Handout on the topic They will read and practice solved examples from NCERT Textbook Students will watch the related videos shared on Google Classroom 	 Oral questions Few questions from Ex- 14.1,14.2 and 14.3 of NCERT Textbook and Assignment (Work Submission) Class Participation: Written and oral Online Quiz-Google Form
Lab Activity (1) Topic: Triangles	Each student will be able to: verify Basic Proportionality Theorem	• SE Activity Students will perform the mentioned lab activity on Triangles using ruled sheet/tracing paper, pencil, ruler, compass, colours, scissors, glue in their lab files	 Neatness and accuracy of paper work done (Work Submission)
Lab Activity (1) Topic: Circles	To verify that the angle subtended by an arc at the centre of a circle is double the angle	• SE Activity Students will perform the mentioned lab activity on	 Neatness and accuracy of paper work done (Work Submission)

	Lab Activity (1) Topic: Surface Areas and Volumes	subtended by it at any other point on the remaining part of the circle To make a right circular cylinder of given height and circumference of base.	Circles using tracing paper, pencil, ruler, compass, colours, scissors, glue in their lab files • SE Activity Students will perform the mentioned lab activity on Surface Areas and Volumes using coloured paper, pencil, ruler, compass, colours, scissors, glue in their lab files	 Neatness and accuracy of paper work done (Work Submission)
SEPTEMBER	Topic: Surface Areas and Volumes (8)	Each student will be able to: calculate the surface area and volume of an object formed by combining the solids namely cube, cuboid, cone, cylinder, sphere and hemi-sphere	 Students will learn and apply the formulae on surface areas and volumes of solids to solve questions from Ex-13.1,13.2 and practice solved examples from the textbook They will read and practice solved examples from NCERT Textbook They will read the flowchart, Mind Map and Handout on the topic Art Integration: Shaping a solid Students will create a solid using solid shapes viz. cube, cuboid, cone, cylinder, sphere, hemi- sphere and calculate the total surface area and volume of your creation Students will watch the related videos shared on Google Classroom 	 Oral questions Few questions from Ex- 13.1 and 13.2 of NCERT Textbook and Assignment (Work Submission) Class Participation: Written and oral Online Quiz-Google Form Art integrated learning

	Lab Activity (1) Topic: Surface Areas and Volumes	To determine the area of a given cylinder and to obtain the formula for the lateral surface area of a right circular cylinder in terms of the radius (r) of its base and height (h).	• SE Activity Students will perform the mentioned lab activity on Surface Areas and Volumes using coloured paper, pencil, ruler, compass, colours, scissors, glue in their lab files	 Neatness and accuracy of paper work done (Work Submission)
	Revision for Mid-Term Exams (7) Topics: 8 Chapters Ch 1. Real Numbers Ch 2. Polynomials Ch 3. Pair of Linear Equations in Two Variables Ch 4. Quadratic Equations Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 14. Statistics	Each student will revise and apply the related concepts/ formulae/ theorems and properties	 Students will solve questions given for practice-both written and oral, Google Forms and get their doubts clarified Discussion on Important points and common errors 	 Mid-Term Examinations 21.09.22 to 30.09.22 Class Participation (Written and Oral) Questions from NCERT Textbook, Assignments, previous year's board papers and Exemplar for practice Syllabus for Mid-Term Exam Ch 1. Real Numbers Ch 2. Polynomials Ch 3. Pair of Linear Equations in Two Variables Ch 4. Quadratic Equations Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 14. Statistics
OCTOBER	Topic: Areas Related to Circles (10)	 Each student will be able to: (i) state and apply formulae to compute area and circumference of a circle, area of sector, minor and major segments of a circle. (ii) distinguish between a sector and a quadrant. (iii) interpret the combination 	 Students will solve questions from Ex-12.1,12.2 and 12.3 of NCERT Textbook and Assignment They will read the flowchart, Mind Map and Handout on the topic They will read and practice 	 Oral Questions Few questions from Ex- 12.1,12.2 and 12.3 of NCERT Textbook and Assignment (Work Submission) Class Participation: Written and oral Online Quiz-Google Form

	of plane figures and obtain the area of the shaded regions by applying the appropriate formulae. (iv) state and apply the formulae for areas of major and minor sectors, major and minor segments of a circle, length of an arc of a circle, area of a circle, circumference of a circle and area of triangle to find the required area of shaded regions in the given combinations of plane figures	 solved examples from NCERT Textbook Art Integration: Design and Calculate: Students will design the border of a handkerchief or a saree using circles and find the area of circles used in designing the border Students will watch the related videos shared on Google Classroom 	Art integrated learning
Topic: Circles (6)	Each student will be able to: (i) define circle and its related terms, including tangent and secant (ii) state the number of tangents that can be drawn to a circle (iii) state, prove and apply theorem: The tangent to a circle is perpendicular to the radius through the point of contact (iv) state, prove and apply the theorem on tangents to a circle: The lengths of two tangents from an external point to a circle are equal	 Students will learn and apply the formulae, properties and theorems on circles to solve questions from Ex-10.1,10.2 and Assignment They will read and practice solved examples from NCERT Textbook They will read the flowchart, Mind Map and Handout on the topic Students will watch the related videos shared on Google Classroom 	 Oral questions Few questions from Ex- 10.1 and 10.2 of NCERT Textbook and Assignment (Work Submission) Class Participation: Written and oral Online Quiz-Google Form
Lab Activity (1) Topic: Circles	To verify that the lengths of two tangents from an external point to a circle are equal	• SE Activity Students will perform the mentioned lab activity on Circles using tracing paper,	 Neatness and accuracy of paper work done (Work Submission)

			pencil, ruler, compass, colours, scissors, glue in their lab files	
NOVEMBER	Revision Test Topics: 10 Chapters Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 8. Introduction To Trigonometry Ch 9. Some Applications of Trigonometry Ch 10. Circles Ch 10. Circles Ch 12. Areas Related To Circles Ch 13. Surface Areas and Volumes Ch 14. Statistics Ch 15. Probability	Each student will revise and apply the related concepts/ formulae/ theorems and properties	 Students will solve questions given for practice-both written and oral and get their doubts clarified Discussion on Important points and common errors 	Revision Tests 21.11.22 to 30.11.22 • Class Participation (Written and Oral) • Questions from NCERT Textbook, Assignments, previous year's board papers and Exemplar for practice Syllabus for Revision Test Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 8. Introduction To Trigonometry Ch 9. Some Applications of Trigonometry Ch 10. Circles Ch 12. Areas Related To Circles Ch 13. Surface Areas and Volumes Ch 14. Statistics Ch 15. Probability

DECEMBER / JANUARY	Pre-Board Examination Topics: Full course- 14 Chapters Ch 1. Real Numbers Ch 2. Polynomials Ch 3. Pair of Linear Equations in Two Variables Ch 4. Quadratic Equations Ch 4. Quadratic Equations Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 8. Introduction To Trigonometry Ch 8. Introduction To Trigonometry Ch 9. Some Applications of Trigonometry Ch 10. Circles Ch 12. Areas Related To Circles Ch 13. Surface Areas and Volumes Ch 14. Statistics	Each student will revise and apply the related concepts/ formulae/ theorems and properties	 Students will solve questions given for practice-both written and oral and get their doubts clarified Discussion on Important points and common errors 	 Pre Board Examination 28.12.22 to 18.01.23 Class Participation (Written and Oral) Questions from NCERT Textbook, Assignments, previous year's board papers and Exemplar for practice Syllabus for Pre-Board Exam Ch 1. Real Numbers Ch 2. Polynomials Ch 3. Pair of Linear Equations in Two Variables Ch 4. Quadratic Equations Ch 5. Arithmetic Progressions Ch 6. Triangles Ch 7. Coordinate Geometry Ch 8. Introduction To
	Ch 7. Coordinate Geometry			Syllabus for Pre-Board Exam
	Cn 8. Introduction 10			Ch 1. Real Numbers
	Ch 9 Some Applications of			Ch 2. Polynomials
	Trigonometry			Ch 3. Pair of Linear Equations
	Ch 10. Circles			Ch 4 Quadratic Equations
	Ch 12. Areas Related To			Ch 5 Arithmetic Progressions
	Circles			Ch 6 Triangles
	Ch 13. Surface Areas and			Ch 7. Coordinate Geometry
	Volumes			Ch 8. Introduction To
	Ch 14. Statistics			Trigonometry
	Ch 15. Probability			Ch 9. Some Applications of
				Trigonometry
				Ch 10. Circles
				Ch 12. Areas Related To
				Circles
				Ch 14 Statistics
				Ch 15 Probability
SOCIAL SCIENCE - (2022-23) HISTORY, POLITICAL SCIENCE

Month	No of classes	Topics covered	Learning Outcome	Activities	Assessment
March	5	Power sharing -Power sharing in Sri Lanka -Power sharing in Belgium -Comparative study of Belgium and Sri Lanka. -Need for power sharing -Forms of power sharing.	 -Compare in 5 points each the system of power sharing in Sri Lanka and Belgium -Compare in 5 points the power sharing system of Belgium and Sri Lanka. -Explain in 2 points the moral and prudential reasons for power sharing. -Analyze the forms of power sharing in 5 	Discussion on majoritarianism Does India practice it?	Assignment Worksheet Quiz Assessment of reading skills
April + May	18 + 10	The Rise of nationalism in Europe -The French revolution and Idea of Nation -The making of nationalism in Europe -The age of revolutions: 1830-1848 -The making of Germany and Italy	 -Explain 5 points on the significance of the French Revolution in enhancing nationalism -Write 5 points on the code set by Napoleon Bonaparte in Eastern and western Europe -List the various peoples living under the empires in Europe -Mention 5 points each 	- Discussion on the meaning and extent of nationalism. Art integration- Group activity- Create an allegory for your country.	Worksheets and assignment from topic. Quiz online Case study Assessment of reading skills

		-Visualizing the nation	on the unification of Italy		
			and Germany		
		-Unification of UK			
			-List the effects of		
		Polkon origin	allogarias on the mind of		
		-Daikari Crisis			
			the people in 5 points		
		-Nationalism and Imperialism			
			-Give 5 points on the		
			unification of the UK		
			Discuss the Bolken		
			crisis in 5 points		
			-Identify the new nations		
			created on the map of		
			Europe		
			Luiope		
May/July	12	Federalism	-Define federalism	A comparative study	vvorksneet
				between federalism in	
		-Meaning of federalism	-List in 5 points the	India and Belgium	Assignment
			features of federalism.		
		-Features of federalism		Comparative analysis of	
			-Explain in 5 points the	the man of India before	
		What makes India a fadaral		and offer independence	
			reasons for india being	and alter independence	
		country?	called a federation.	and present day	
					Weekly test 1
		-Practice of federalism in India	-Analyze in 3 points the	Discussion on Language	06/05/22
			difference in federalism	policy of India- should we	
		-Language policy	between Belgium and	have had a national	1. Power sharing
			India	language	2 The rise of Nationalism
		Contro state relations			in Europo
		-Decentralization	policy of India	central governments-	
				should more power to the	
			-Give 5 points on center-	states be encouraged	
					1
			state relations in India		

			-List the system of decentralization in India in 5 points	Discussion on decentralization- is it a valuable and essential aspect of democracy?	
July	12	Nationalism In India -WW I and its effect on India -Gandhi and satyagraha -Khilafat and Non- Cooperation Movement -Rowlatt Act and its aftermath -Different strands within the Non- Cooperation Movement -Towards Civil Disobedience -Different strands within the Civil Disobedience Movement -Limits of Civil Disobedience -The sense of collective belonging	 -Identify in 3 points how nationalism developed in India -Discuss in 5 points the Gandhian idea of satyagraha -Debate the controversial Rowlatt Act -Discuss why non- cooperation was adopted and what it meant to different communities (each strand of the movement to be explained in 5 points each) - Explain the reasons for the Civil Disobedience Movement in 5 points -Explain what the Civil Disobedience Movement meant to different communities (each strand of the movement to be explained in 5 points -Explain what the Civil Disobedience Movement meant to different communities (each strand of the movement to be explained in 5 points each) 	Map work showing sessions of the Indian National Congress	Worksheets Q/A in notebook WEEKLY TEST 2 (15/07/22) 1. The Rise of Nationalism in Europe 2. Federalism

			-Discuss in 5 points how		
			a sense of collective		
			belonging changed the		
			mind of the people		
			towards nationalism		
July/August	6	Gender Religion and Caste	-Write a note on gender	-Discussion in class on	Worksheets
July/August	U		differences in the Indian	gender equality and	Ω/A in notebook
		-Gender and Politics	society	gender stereotypes	
			cocicity	gender storestypee.	
		-Religion Communalism and	-List the disadvantages	-Discussion on the Gvan	
		Politics	and discrimination faced	Vani case	
		-Caste and Politics	by women in India		
			by women in maid		
		-Politics in Caste	-Explain how religious		
			differences are		
		-Caste in Politics	expressed in politics in at		
			least 3 points		
			-Define communalism		
			and discuss the various		
			forms communalism		
			takes in politics in at least		
			5 points		
			-Explain what makes		
			India a secular state		
			-Write a note on caste		
			inequalities in India		
			Evalain the role played		
			-Explain the role played		
			by caste in politics in at		
				Diam cantau of a manage	
August	1	I ne making of a Global	-List the different phases	-Diary entry of a person	
		world	through which the world	living in the inter-war	
			we live in emerged	period with focus on	
		- The Pre-modern world		economic and social	
			-Explain the economic,	issues	
		-The Nineteenth Century	political, social, cultural		

		(1815-1914) -The Inter-war economy -Rebuilding a World Economy: The Post War Era	and technological factors that transformed societies in the 19yh century in at least 5 points. -Analyze the effects of World War I on the economic and political front in at least 5 points. -Write a note on the causes and effects of the Great economic depression 1929. -Discuss the post -World war 2 reconstruction in at		
August	5	Political PartiesWhy do we need political parties?How many parties should we have?National political partiesState partiesChallenges to political partiesHow can parties be reformed?	Analyze in 3 points the meaning and necessity of political parties Classify political parties as national and state parties Evaluate in 3 points the challenges to political parties Suggest 5 ways in which parties can be reformed	Internet research on political parties in India Research on election campaigning Listing political parties Newspaper articles discussing controversies regarding political parties. Map of India showing regional parties in India	Worksheets and assignment from topic. Case study
August/September	10	The Age of Industrialization -Before the Industrial revolution	Trace the rise of industrialization in England	Reading the prescribed excerpts from Charles Dickens and make a report on how England changed during Industrial	Assignments in class Practice and Assessment worksheets

		-Hand labour and steam power	Critically analyse the	Revolution.	
		-Life of the workers	peasants merchants in	Students will be asked to	
			India before and after the	contrast and compare	
		-Manchester comes to India	Industrialisation	England before and after	
		-Industrialisation in colonies			
			Examine the meaning of		
		- The early entrepreneurs			
		-Market for goods	Debate the chundence of		
			labour in market affecting		
			the lives of labourers.		
September		Revision			
					HISTORY
					1. The Rise of
					Nationalism in Europe
					India
					3. The Making of A
					1.Power Sharing
					2.Federalism
October	13	Print Culture and the	-Identify the link between		
		-The First Printed Books	Circulation of ideas.		
		- Print Comes To Europe	- Discuss the various		
		- The Print Revolution and it's	specific history, and how		
			they reflect historical		
		- The Reading Mania	changes within society		
		-The Nineteenth century	change.		
		-India and the World of Print	-Write a note on Print		

			Culture in Japan.		
		- Religious reform and Public			
		Debates	-Explain how Print culture		
			came to Europe in at		
		-New Forms of Publication	least 5 points.		
		-Print and Censorship	-Explain in three points		
			-Explain in timee points		
			created the conditions in		
			which the French		
			revolution occurred in at		
			least 3 points.		
November	5	Outcomes of Democracy	Explain in 5 points the	Internet research on	Worksheet on topic
	•		outcomes of democracy	democracy as a suitable	
		How do we assess the		form of government	
		outcomes of democracy	Discuss in 5 points why	lonn of govornmont	Quiz
		outcomes of democracy	domocroov is on		
		Democratic			Synonsis
		Democracy as an accountable,	accountable, responsive	Newspaper articles	
		responsive and legitimate	and legitimate	discussing democracy	
		government	government		Graphic Organizer
		Economic growth and	Analyze in 3 points why		O&A in notebook
		development	democratic countries		
			have not been able to		
		Reduction of inequality and			
		novorty			
		poverty	inequalities		
		Assemble tion of assist			
		Accomodation of social	Discuss in 3 points the		
		diversity	manner in which		
			democracy		
		Dignity and freedom of the	accommodates social		
		citizens	diversity		
			aiverbity		
			Evoloin in 2 pointe hour		
			democracy promotes the		
			dignity and freedom of		
			the citizen		

November	Revision		REVISION TEST
			(21/11/22) TO (30/11/22)
			HISTORY
			1 The Age of
			Industrialization
			2. Print Culture and the
			Modern World
			3. Nationalism in India
			POLITICAL Sc
			1.Gender. religion and
			Caste
			2 Political Parties
Descentes	Devision		
December	Revision		
			(28/12/22) 10 (30/12/22)
			AND (12/01/23) TO
			(18/01/23)
			HISTORY-
			1. The Rise of
			Nationalism in Europe
			2 Rise of Nationalism in
			2 The Making of A
			3. The Making of A
			Global World
			4.The Age of
			Industrialization
			5. Print Culture and the
			Modern World
			POLITICAL Sc-
			1 Power Sharing
			2 Enderation
			3.Gender, religion and
			Caste
			4. Political Parties
			5. Outcomes of
			Democracy

January/February	13+20	Revision of objective and subjective type questions for Board Exams.			
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SOCIAL SCIENCE (GEOGRAPHY & ECONOMICS)

Month	No of Periods / Topics	Learning outcome	Activities	Assessments
APRIL 18 Days	Revising concepts 3 classes	Each student will be able to corelate the topics which they have studied and what they are going to study	Students will be asked to : Answer questions, discuss in pairs and squares, locate and label on the map of India states and their capitals	
	GEOGRAPHY- Resources and Development 6 classes Types of Resources Development of Resources Resource Planning in India Land Resources Land Utilization	Each student will be able to: - Classify the different types of resources -Distinguish between different types of soil, renewable and non- renewable energy resources -Explain important terms such as, resource,	Students will be asked to: Prepare for Flipped Classes on the topic given, passage given from the text or from the video link given to them Do Map work on soil types. Complete the Diagram on soil profile and worksheet. -collect different soil samples from the surroundings; recognise them with the help of their colour, texture,	MCQs Assessment worksheets Source based question Data based questions Mapwork
	Land Use Pattern in India Land Degradation and Conservation Measures Soil as a Resource	renewable and non- renewable resources, subsistence agriculture, plantation, shifting agriculture, environmental protection, and environmental	and composition; relate them with the geographical areas of India shown on the map; study the process of formation of these soils Assignments – HOTS questions Source-based questions	

	Classification of Soils	sustainability		
	Soil Erosion and Soil Conservation	- Analyse the impact of	worksheets	
		resources such as, ground water and crude oil	map work of mula on unerent types of sons	
		- Assess the impact of conservation of natural resources on the life of people in any area in view of sustainable development		
		-Analyse indigenous or modern methods of conservation of water, forests, wildlife, and soil.		
MAY	ECONOMICS-	Each student will be able	Students will be asked to	
18 Days	Development	to:	Dreners for Elissed Classes on the tanis siven	MCQs,
	/ classes	-Evolain important terms	prepare for Filpped Classes on the topic given,	Assessment worksheet
	What Development Promises	associated with economic development such as,	given to them	Assessment worksheet
	Different people different goals	human capital, sustainable development, gross domestic product, gross	- collect the economic details of states and countries. For example, based on the human development	Questions on case studies
	Income and other goals	value added, per capita income, human	index, they can classify a few countries. They can also group or categorise countries on the	Source-based questions
	National Development	development index,	basis of Gross Domestic Product (states on the basis	
	How to compare different countries or states?	foreign trade, liberalisation and foreign investment	of state domestic product), life expectancy, and infant mortality rates	WEEKLY IEST - 6/5/2022 1) Resources and
	Income and other criteria	- Compare per capita	-relate different cropping patterns in India and their	development
	Public Facilities	income of some important	painting on the beauty of the fields during any one	
	Sustainability of	countries	cropping season Assignments – HOTS questions	

development		Map activity on crop production. (L)	
GEOGRAPHY -			
Aariculture	Each student will be able		
7 classes	to.	Students will be asked to	
			Assignments – HOTS
	-Classify the different	Prenare for Flinned Classes on the tonic given	questions
Definition of Agriculture	types of farming for	nassage given from the text or from the video link	900010110
Deminion of Agriculture	example, subsistence and	given to them	Source based questions
Factures of Indian	example, subsistence and	given to them	Source-based questions
	commerciar farming.	Man activity on even production	mon work of India on
Agriculture		Map activity on crop production.	map work of India on
	- Compare areas growing		major and minor crops
I ypes of Farming	rice and wheat on the map	Worksheet from the topic.	
	of India		
Cropping Pattern		On the political map of India, locate and label the	MCQs
	- Explain factors	following: a) any two-wheat producing states b) any	
Major Crops	responsible for production	two rice producing states.	Assessment worksheet
	of different crops in India		
Technological and		Explain the climatic conditions required for sugarcane	
Institutional Reforms	-Analyse changes in	cultivation. Mention two leading producing states.	
	cropping pattern, trade		
	and culture	Distinguish between commercial agriculture and	
		subsistence agriculture.	Consumer Awareness
	- Explain why only some	.	Proiect –
	regions of India are	Discussion on how is India a unique country from the	Holiday homework
	developed	point of view of agriculture	(Subject Enrichment 1
	developed	"Green revolution has made India self-reliant in the	– 5m)
	-Analyse the impact of	production of cereals " Justify with three suitable	omy
	trade on culture	arguments	
		arguments.	
	Identify the main features	Art Integration College on any one Herwest festivel	
	of Indian Agriculture	allehreted in any state of India	
		CEIEDIALEU III AITY SLALE UT IIIUIA	
	Cleasify the types of		
	tarming done in India		
	-List the Climatic		

		requirements for growing crops -Differentiate between food and cash crops		
JULY 20 Days	ECONOMICS- Sectors of the Indian Economy 6 classes Sectors of economic activities Comparing the three sectors Primary, Secondary and Tertiary Sectors in India Organised and unorganized sectors Public and Private Sector	Each student will be able to: -Locate and label the various dams in India (as per CBSE Map syllabus) -Compare the three sectors of the economy -Differentiate between primary and secondary sectors of the economy -Distinguish between organized and unorganized sectors of the	Students will be asked to Prepare for Flipped Classes on the topic given, passage given from the text or from the video link given to them Worksheets on the sub topics taught. Group discussion on examples of public and private sectors. Explain the causes of unemployment in India. Assess the role of any three institutional reforms programmes introduced by the government in the interest of farmers.	Assignments – HOTS questions Source-based questions Worksheets MCQs
	GEOGRAPHY -	economy. -Explain public and private sector with examples	Differentiate between the public sector and private sector by giving examples. Discussion - 'Tertiary sector has become the largest producer in India over the last thirty years'. Justify. Why do you think that industrial growth in India so slow as compared to China even after high population?	WEEKLY TEST -
	Manufacturing Industries 6 classes	to: -Classify industries on the	Prepare for Flipped Classes on the topic given,	15/7/2022 1) Agriculture 2) Sectors of Indian

	Industrial Location	basis of raw materials uses	passage given from the text or from the video link given to them	Economy
	Agro-based industries Mineral based industries	-Explain the factors which affect the location of industries	Discussion – Why are manufacturing sector multinational companies (Gurugram in Haryana) and service sector multinational companies (Bengaluru in Karnataka) located in specific places?	Assignments – HOTS questions
	Chemical Industries	-Analyse the rise of industrial production	(To emphasise on the relevance of geographical factors)	Worksheets
	Control of environmental degradation	 Explain the industrial regions of India especially in the context of iron and steel plants and cotton textile industries. Suggest the steps to be taken to minimise environmental degradation by industry. 	Answer questions on developments that are seen as symbolising modernity i.e., globalization, industrialization and see the many sides of the history of these developments i.e., learner can be asked: Give two examples where modern development that is associated with progress has led to problems. Think of areas related to environmental issues, nuclear weapons or disease Worksheets and assignment from topic.	MCQs Mapwork – as per CBSE Map syllabus
AUGUST 19 Days	ECONOMICS -Money and Credit 6 classes	Each student will be able to: Discuss the situations	Students will be asked to	Assignments – HOTS questions
	Currency	where high risks could create further problems for the borrower.	Prepare for Flipped Classes on the topic given, passage given from the text or from the video link given to them	Source-based questions Worksheets
	Deposit with banks	-Analyse the functions of	Students to review sources of credit and their impact	
	Loan activities of banks	a bank	Chudente con he encouraged to discuss solutions for	MCQs
	Two different credit situations	-Discuss the problem of 'double coincidence of	easy access to credit with low interest rates	
	Formal sector credit in		Quiz on the different processes of banks.	
	India	payment	vvorksneets and assignment from the topic.	

	Problem solving Skills		Discussion on - Why do we need supervision of banks by the Reserve Bank of India?	
	GEOGRAPHY - Minerals and energy resources 6 classes Mode of occurrence of	Each student will be able to: classify and state the properties of minerals explain the mode of	Students will be asked to : show industrial regions on the map of India and relate it with infrastructure development of that region and discuss	Mapwork – as per CBSE Map syllabus
	resources Conservation of minerals	analyse the need of resources	highways, raw material producing areas, market, etc.?	Assignments – HOTS questions Source-based questions
	Energy resources Conventional sources of energy	explain the use of energy resources	Art Integration – Poster making on 'Environmental protection'	Worksheets
	Mapwork as per CBSE Map syllabus on Thermal and Nuclear power plants	differentiate between conventional and non- conventional sources of energy		MCQs
		map of India Thermal and Nuclear power plants		
SEPTEMBER 22 Days	GEOGRAPHY - Water Resources 6 classes	Each student will be able to:	Students will be asked to : research on the SDG goals related to the judicious use of Water resources and conservation	Mapwork – as per CBSE Map syllabus Assignments – HOTS
	Water Scarcity and The Need for Water Conservation and Management	Explain the importance of water as a resource as well as develop awareness towards its judicious use and	share their findings in class – after discussion in pairs/squares Questions will be asked to them on these SDG goals	questions Source-based questions Worksheets

	Multi-Purpose River	conservation	Bring newspaper clippings on Multi-Purpose River Projects in India	
	Projects and Integrated	Locate and label on the		MCQs
	Water Resources	map of India the important	Locate and label on the map of India these	
	Management	dams as per CBSE map	rivers/dams as per CBSE Map syllabus	
	C C	syllabus	Visit the sites on their school premises to observe	
	Rainwater Harvesting	,	how rain water is harvested	
	5	Explain the term		
		Rainwater harvesting		
	Revision for the Mid-			
		Revision		Mid-Term
		ite vision		Examinations – 21 st
				Sentember - 30th
				September 2022
OCTOBER	ECONOMICS -	Each student will be able	Students will be asked to .	Mapwork – as per CBSF
13 Davs	Lifelines of National	to.		Man syllabus
	economy			
	6 classes		I ocate and label on the map of India the Golden	
		draw a flow chart showing	Quadrilateral	
		the means of transport	or	Assignments – HOTS
	Means of Transport		make a poster on the Golden Quadrilateral in India	questions
				1
	Roadwavs	explain the system of		Source-based questions
		roadways, railways,	Debate on the topic	
	Railwavs	pipelines, airways,	Is roadways or railways the best means of	Worksheets
		waterways in India	transportation in India?	
	Pipelines			
		discuss the role of		MCQs
	Waterways	communication in our daily	Discuss and debate on the advantages and	
		life	disadvantages of any one – Radio or Television as an	
	Airwavs	-	effective means of mass communication in India	
	- , -	explain the value of		
	Sea -ports	tourism as a trade		
	Communication	locate and label on the		
		map of India important		

	International Trade and	airports, ports, important		
	lounsm	National Flighways		
	Mapwork			
November	ECONOMICS -	Each student will be able	Students will be asked to :	Assignments – HOTS
21 Days	Globalisation	to:	Write a dialogue/conversation between a British	questions
	7 classes		industrialist and an Indian industrialist, who is being	
	What is globalization?	meaning of globalization	persuaded to set up new industry.	Source-based questions
	What is globalization?		Learners in such a role play answer questions such	Worksheets
		explain the need for free	as (a) what reasons would the	Workbridgto
	Production across	trade policies	British industrialist give to persuade the Indian	
	countries		industrialist and (b) what opportunities	MCQs
			and benefits the Indian industrialist is looking for	
		explain the need for		
	Interlinking production	market integration	locate the places in which important multinational	
			India man	
	Foreign trade and	explain the factors that	and	
	integration of markets	have enabled globalization	discuss the reasons behind the choice of location and	
		World Trade organization	its implication on people's livelihood	
	Factors that have	dependent the readitive and	collect neuro climpingo / toyto from neuroley megozineo	
	World Trade organization	negative impact of	and journals pertaining to developmental issues	
		alobalization	allobalisation and sustainable development and	
	Impact of globalization on	giosanzation	synthesize the details and present in the classdebate	
	India		and discuss on the following questions	
	The struggle for fair		Is Globalisation a new phenomenon or does it have a	
	giobalization		Nhat are the impacts of globalization on primary	
			secondary and tertiary activities?	
			Does it lead to inequality in the world?	
			What is the importance of global institutions?	
			Do these institutions play a major role in	
			globalization? How do they influence the	
			developed countries on the role of these institutions?	
			What do you mean by global economy?	

	Class X – 2022-23 Biology Syllabus						
Month	Topic Co	overed		Learning Outcomes		Activities	Assessment
Revision of Topics for the Revision Tests		Is economic globalization a new phenomenon? Are environmental problems global problems or local problems? How can globalization potentially contribute to a better environment?		Revision Tests – 21 st November – 30 th November 2022			
December 22 Days		GEOGRAP Forest and 5 classes Conservation and wildlife Types and forests and resources Community Conservation Revision of the Pre-Bo	GEOGRAPHY- Forest and wildlife 5 classesEach student will to:Conservation of forest and wildlife in IndiaExplain the import forests and wild lifeTypes and distribution of forests and wildlife resourcesDescribe the ability knowledge of how and wildlife conset and management the economy and environment, both currently and in the		 Students will be asked to : Discuss in groups how forests can be conserved and write the points in their notebooks Research on Types and distribution of forests and wildlife resources and share in pairs and squares. Points to be written in the notebooks. Questions will be asked in class on their research and findings to e. 		Assignments – HOTS questions Source-based questions Worksheets MCQs Pre-Board Exams from 28 th December 2022
January 13 Days	/	Revision o the Board	f Topics for Exams	Revision for the Boards	Revision for the	Boards	Pre-Board Exams continue till 18 th January 2023

March	 Bridge Classes The Fundamental Unit of Life Tissues (1 class) Life Processes What are life processes? (1 class) How do living things get their food? Nutrition (2 classes) Autotrophic Nutrition (2 classes) 	 Each student will be able to: classify plants as autotrophs, heterotrophs, saprotrophs, parasitic or symbiotic based on their nutritional requirements describe the process of photosynthesis with the help of word/chemical equation. classifies animals based on their modes of feeding. enumerate different variations that take place in body at puberty to explain the effect of adolescence on changing human body list and explain the strategies employed by heterotrophs to take up food. differentiate between autotrophic nutrition & heterotrophic nutrition explain the process of conversion ofCO₂ & H₂O into carbohydrates by plants. analyse and interpret factors affecting the rate of photosynthesis in plants. explain nutrition in amoeba and paramecium illustrate the process involved in human digestive system, in order to explain how humans, obtain nutrients from food. draw and explain human digestive system. 	Mind Map – Life Processes Graphic Organizer-to compare autotrophic and heterotrophic nutrition. Get it Right- labelling of the parts of human digestive system (through worksheet) Analyse and interpret graphs- of factors affecting the rate of photosynthesis in plants.	 Assessment worksheet Weekly Assignment Google Quiz Class Participation Assessment (oral & written)
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April	Life Processes	Each child will be able to:	Jigsaw to discuss the different	⇔Assessment
	Heterotrophic Nutrition	explain nutrition in amoeba and paramecium	parts of the digestive system and	Worksheet
	(T Class)	Illustrate the process involved in human digestive system, in	their functions.	-N/aakhy Appignment
	N How do Organisms	elist the enzymes & their functions involved in human	Polo Playing to explain the	
	obtain their Nutrition?	digestive system in order to understand breakdown of food	structure & function of different	∽ Class Particination
		in humans	organs & organ systems of the	Assessment (oral &
		 describe how dental caries are formed and suggest ways 	human body.	written)
	 Nutrition in Human 	to prevent the same.	◎Case Study:	,
	Beings		Gastric Bypass Surgery-	
	(4 classes)		Students apply their knowledge	
	Dental Caries		digestive tract and how	
	(1 class)		absorption and breakdown of	
			nutrients occur by explaining and	
			presenting the process based on	
			assigned food items. Students	
			are then asked to further apply	
			their knowledge when presented	
			with a mini-case, involving	
			gastric bypass surgery.	
Maria	Life Processes	Each child will be able to:	Experiment (Biology Lab)	Assessment
way	Anaeropic Respiration (1 close)	•outline and explain the ways of breakdown of glucose by	⇒ Preparing a temporary mount	vvorksneet
	(T Class)	various patriways, in order to explain now energy is obtained	or a lear peer to show stomata.	
	Aerobic Respiration	differentiate between aerobic and anaerobic		∽Google Quiz
	(2 classes)	respiration	Graphic Organizer – Venn	Assessment (oral &
		•illustrate the process involved in human respiratory system	Diagram to compare aerobic	written)
	Respiration in different	 draw and explain the human respiratory system. 	and anaerobic respiration	
	organisms.	· · · · · · · · · · · · · · · · · · ·		
	(1 class)		Get it Right -Correct labelling of	
			the parts of human respiratory	
	➤Human Respiratory		system	
	System			
	(4 classes)			
July	Life Processes	Each child will be able to:	Get it Right- labelling of the	⇔Assessment
	➤Transportation in Human	 name the components of blood 	parts of the human heart	Worksheet
	Beings	 describe the structure of the human heart 	(through worksheet)	⇒Weekly Assignment

	(1class)	explain double circulation		⇒Google Quiz
	Transportation in Plants	 differentiate between arteries and veins 	Graphic Organizer to compare	⇒Class Participation
	(1class)	 illustrate the process of transport of oxygenated & de- 	aerobic and anaerobic	Assessment (oral &
	Excretion in Human	oxygenated blood by human heart	respiration	written)
	Beings	 explain the transport of water and food in plants 		➡ Weekly Test I
	(1class)	 differentiate between the structure and function of xylem & 	Get it Right -Correct labelling of	04.07.2022
	 Excretion in Plants 	phloem	the human excretory system	Syllabus: Nutrition
	(1class)	 draw and explain the human excretory system 		
		 explain the structure of the nephron 	Schematic diagram – double	
		 describe the formation of urine and its removal from the 	circulation of blood.	
	Control and Coordination	human body	Graphic Organizer to compare	
		 state the methods used by plants to get rid of excretory 	arteries & veins.	
	 Coordination in Animals 	products		
	- Nervous System		Experiment (Biology Lab)	
	-Reflex Actions	 draw and explain the structure of neuron 	⇒Experimentally show that	
	- Human Brain	 describe reflex action and give its examples 	carbon dioxide is given out	
	(2 classes)	 explain the functions of the different parts of the human 	during respiration.	
		brain		
	 Coordination in Plants 		Mind Map- to show different	
	- Response to stimuli	 name the structures which protect the brain and the spinal 	types of hormones, their source	
	 Movement due to growth 	cord	glands and their functions.	
	(1class)	 explain as to how the nervous tissue cause action 		
		describe the role of hormones	Get it Right- labelling of the	
	Hormones in animals	Inst the features of hormones	parts of the human brain	
	(1class)	name the endocrine glands, hormones produced by them	(through worksheet)	
		and state their functions		
Aug	How Do Organisms	Each child will be able to:	Get it Right	Assessment
	Reproduce	 state the importance of DNA copying in reproduction 	Correct identification of the type	Worksheet
		mention the importance of variations	of asexual reproduction from the	→ Weekly Assignment
	► DNA copying	differentiate between binary fission and multiple fission	diagram shown.	Google Quiz
	I he importance of	• compare fragmentation and regeneration		⇒Class Participation
		•describe budding in hydra	Venn diagram to compare	Assessment (oral &
	Asexual reproduction	• state advantages and limitations of vegetative reproduction	binary fission and multiple	written)
		•explain spore formation in Rhizopus	TISSION.	
		Illustrate the process of fission in amoeda, leisnmania &	On Your Mort	03.08.2022 Culleburg Life Dressesses
	(T Glass)	plasmoulum	Un four wark	Syllabus: Life Processes
	Degeneration	exempling the process of tragmentation in Spirogyra &		(except Nutrition)
		spore iormation in Knizopus	Rilizopus.	
	-Buaaing	 illustrate the process of regeneration in Planaria and the 		

	 -Vegetative propagation -Spore formation (1 Class) > Sexual reproduction -Why the sexual mode of reproduction? -Sexual reproduction in flowering plants (2 classes) -Reproduction in human beings -Reproductive Health (2 classes) 	process of budding in Hydra • state the advantage of sexual reproduction over asexual reproduction • describe the structure of a flower • differentiate between self-pollination and cross-pollination as well as pollination and fertilization. • describe the changes which take place in a flower after fertilization • label the different parts of a flower and explain their functions • draw the diagram of the human male and female reproductive systems. • describe the role of placenta and menstruation. • explain the reasons for adopting contraceptive methods. • list the various contraceptive methods used to avoid pregnancy	 Experiment (Biology Lab) ⇒ Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides Get it Right Correct identification of the type of asexual reproduction from the diagram shown. Online Quiz - Parts of Flower Online Quiz- Adolescent sexual and reproductive health Online Quiz- male reproductive system Venn diagram to compare self- pollination and cross-pollination. On Your Mark Labelling of the parts of male and female reproductive system. Experiment (Biology Lab) ⇒ Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney 	
Sen	Heredity	Each child will be able to:	bean). Experiential Activity	⊂>Assessment
400	 Accumulation of Variation during Reproduction Inherited Traits (2 classes) Rules for the Inheritance of Traits Mendel's Contributions (2 classes) 	 explain how changes in DNA can lead to stronger/ better species, or formation of new species altogether state and explain Mendel's traits of inheritance differentiate between inherited traits and acquired traits state the rules for the inheritance of traits differentiate between a dominant and a recessive trait 	- Students will compare their ear lobes (free or attached) with their peer group to understand the inherited traits.	Worksheet ⇒ Weekly Assignment ⇒ Google Quiz ⇒ Class Participation Assessment (oral & written) ⇒ Mid-Term Examination 21.09.2022 – 30.09.2022

				Syllabus:
				 Control & Coordination
Oct	 Heredity How do these Traits get Expressed? (1 class) Sex Determination (1 class) Our Environment What happens when we add our waste to the environment? Ecosystem & it's components (1 class) Food Chains & Webs Bio magnification (1 class) How do our activities affect the environment? Ozone Layer and How it is Getting Depleted Managing the Garbage, we Produce (1 class) 	 Each child will be able to: explain how the traits get expressed compare genotypes and phenotypes describe the sex determination in human beings classify different waste products as biodegradable or non- biodegradable tabulate the organisms feeding on one another (producers, consumers, decomposers) and energy transfer between them classify biotic and abiotic components and their interaction with each other classify different waste products as biodegradable or non-biodegradable tabulate the organisms feeding on one another (producers, consumers, decomposers) and energy transfer between them classify different waste products as biodegradable or non-biodegradable tabulate the organisms feeding on one another (producers, consumers, decomposers) and energy transfer between them classify biotic and abiotic components and their interaction with each other explain the importance of ozone layer give reason for the depletion of ozone layer describe the harmful effects of ozone layer depletion advocate the use of fuels which produces fewer pollutants, uses energy efficient electric devices, uses fossil fuels judiciously discuss the importance of natural resources and their conservation, leading to the conviction for adoption of good habits in their day-to-day life. 	 Family Traits Trivia A fun-time/Circle time activity to be conducted by the student with his/her family. "What traits do you share in common with others in your family? What traits are unique to you?" Do this activity with your family to find out! Meeting of the Minds Discussion on a hypothetical situation, "What will happen if all herbivores suddenly vanish from earth?" This may be followed by a discussion about how the loss of biodiversity disrupts the food chain hereby adversely affecting the energy flow in an ecosystem. VLOGGING: Make a VLOG to spread awareness about sustainable ways of living. 	 ⇒Assessment Worksheet ⇒Weekly Assignment ⇒ Google Quiz ⇒ Class Participation Assessment (oral & written)
Nov	Revision	Oral & Written Revision using Practice Questions and Sample	Papers.	➡ Revision Tests 21 11 2022 – 30 11 2022
Dec	Revision	Oral & Written Revision using Practice Questions and Sample Syllabus: Life Processes Control & Coordination Hered	Papers. lity ◆ Our Environment	⇒ Pre-Board Examination 28.12.2022 – 18.01.2023
Jan	Revision	Oral & Written Revision using Prac	tice Questions and Sample Papers.	

CLASS X PHYSICS

Month	Topics	Learning outcome	Activities	Assessments
MARCH No of classes: 4	LIGHT: Reflection & Refraction	 Answer questions based on your understanding of the lessons Draw ray diagrams for image formation for concave & convex mirror. 	Activity Study the image size variance for different positions of the object using convex and concave mirror (keeping the position of mirror fixed).	Students will be asked to demonstrate activities on Reflection of light. Follow up! Feedback
APRIL	LIGHT: Reflection	 Apply mirror formula to get the position of object, image and focal length 	From Light to Life	Class Test 30.04.2022
No of classes: 8	& Refraction	 Calculate the magnification by mirror. Draw ray diagrams to show the refraction of light Define relative and absolute refractive index. Draw ray diagrams to show the image formation by spherical lenses 	 Specifically, it can involve: Read and evaluate relevant poetry examine diverse regions and countries, looking into how light influences climate Research and deliver presentations about Geographical pattern in photosynthetic light response Watch and discuss documentaries about light, such as Saving the Dark Light Pollution 	Light- Reflection and Refraction (up to mirror formula and magnification)
MAY No of classes: 8	LIGHT: Reflection & Refraction	 Apply lens formula to get the object distance/image distance from the lens or focal length of the lens Solve power related numerical to find the focal length of the lens 	Art Integration (Framing Questions) "Design A Caricature Quiz" on "Refraction of light". A quiz (at least five questions) that covers the basics of refraction; including laws of refraction and characteristics of the image so formed. This is to determine your knowledge and retention.	

JULY	HUMAN EYE AND	0	Draw diagram of human eye	Experiential Activity	Assessment Round I
	THE COLORFUL				
No of classes: 8	WORLD	0	List the function of various parts of	Students will compare the powers of the	
			human eye	spectacles of different children. (Qualitative)	
			Evaluin the equipper of every defects and		
		0	mention their corrections	Art Integration	
				(Photography)	
		0	Explain the cause of formation of	(
			rainbow.	Students may submit two photographs of "Natural	
				Phenomenon (e.g., Rainbow Formation,	
		0	State the cause of atmospheric	scattering of light, etc.) they observe in day-to-day	
			refraction	lite."	
		0	List the various layers of	Lab Activity	
			autosphere		
			Evoloin phonomonon for advanced	To trace the path of a ray of light passing through	
		0	suprise and	a rectangular glass slab for a particular angle of	
			delaved sunset	incidence.	
AUGUST	ELECTRICITY	0	Define charge and list	Demonstration	Assessment Round
			its properties		II
No of classes: 8		0	Infer the conventional	Determining the equivalent resistance of series	
			direction of electric current	multimeter and resistance coil	
		0	Differentiate between		
			potential and potential		
		0	State Onm's Law and	Lab Activity	
		_	Expleis the dependence of registeres	Verification of Ohm's law	
		0	and		
			resistivity on various		
			factors		
		0	Draw circuits for series		
			and parallel combination		
		0	Apply formulae to solve		

			numerical		
SEPTEMBER No of classes: 4	ELECTRICITY	0	Explain the cause of heating effects of current	Design an energy efficient home using computer graphics (programming).	Class Test 04.09.2022
		0	List the different materials used for making heating elements	DIY Night Lamp Using Mandala ART	
				Experiential learning	
		0	Compare the properties of materials	Design Circuits using flour dough to verify series and parallel combination of circuits.	
		0	Define power, electrical energy and their units.	Be a designer: Design Circuits using PhET	
		0	Solve numericals based on Power and Energy		
OCTOBER	MAGNETIC EFFECTS OF	0	List the properties of a magnet	Demonstration of the production of magnetic field lines around a magnet using iron fillings.	Class Test 04.10.2022
No of classes: 6	ELECTRIC CURRENT	0	Draw magnetic field lines for a given magnetic configuration.	Experiential Activity	
		0	Explain Right-Hand Thumb Rule	Production of an electromotive force in one circuit by a change in current in another circuit.	
		0	Apply thumb rule to get the direction of magnetic field.		
		0	Explain the dependence of magnetic	Lab Activity	
			field around current carrying conductor on various factors.	To determine the equivalent resistance of two resistors when connected in parallel.	
		0	Apply formulae to solve numerical		
		0	Draw schematic diagram for electromagnetic induction.		
		0	List the laws of E.M.I.		
NOVEMBER	KEVISION	LIG	HI: REFLECTION AND REFRACTION		

			Revision Test
		HUMAN EYE AND THE COLOURFUL WORLD	
		ELECTRICITY	
		MAGNETIC EFFECTS OF CURRENT	
DECEMBER &	REVISION	LIGHT: REFLECTION AND REFRACTION	
JANUARY		HUMAN EYE AND THE COLOURFUL WORLD	Pre-Board Examination
		ELECTRICITY	
		MAGNETIC EFFECTS OF CURRENT	

CLASS X CHEMISTRY

Month	No of Classes	Learning outcome	Activities	Assessments
	/ Topics			
	Covered			

MARCH	BRIDGE COURSE- Writing chemical formulas, Electronic configuration, Valency, lons (2) Chemical Reactions and Equations- No. of classes- (2)	 Each student will be able to: Balance the chemical equations. Explain combination and decomposition reactions with examples Name the types of decomposition reactions and illustrate them with examples. 	 Write correct chemical formulae of compounds using placards on symbols and valency of elements and polyatomic ions Balance chemical reactions and write examples of types of chemical reactions 	Weekly Assignment/ Worksheet (submission of work) Class participation Assessment (written + oral)
APRIL	Chemical Reactions and Equations- No. of classes- (3) Acids, Bases and Salts No. of classes- (4)	 Each child will be able to: List the elements in decreasing order of reactivity. (Reactivity series). Describe displacement and double displacement reactions and cite examples. Identify the substances being oxidized and reduced in Redox reactions. Write chemical equation for corrosion of Fe, Ag and Cu. Explain rancidity and list the ways to prevent food from getting rancid. List some examples of natural, synthetic and olfactory indicators. 	 Perform an activity to show the process of electrolysis of water using carbon rods (from old 6V old batteries) Lab Activity - Experiment No.1 (2 Classes) To perform and identify the type of reaction	Assessment worksheet Weekly assignment Class participation Assessment (written + oral) Art Integration Assessment
MAY	Acids, Bases and Salts (Contd) No. of classes-(7)	Write the chemical equation for the reaction of acids and bases with metals, reaction of acids with metal oxides, bases with non-metallic oxide	 Group discussion on the topic: "Doctors suggest to refrain from a habit to consume antacids" 	Weekly Assignment/ Worksheet (submission of work)

		 Explain why acidic and basic solutions in water conduct electricity. Define pH and classify acids and bases on basis of pH List the importance of pH in day to day life 	 Find out why should the pH of a swimming pool be maintained? Simulation on pH scale (PhET) 	Assessment worksheet Class participation Assessment (written + oral)
JULY	Acids, Bases and Salts (Contd) No. of classes- (4)	 Each student will be able to: Describe the methods of preparation, properties and uses of some common salts like sodium hydroxide, baking soda, washing soda, bleaching powder, plaster of Paris. 	 CASE STUDY- Topic: Acids, Bases and Salts (pH of Soil) List the important role/uses of salts in daily life. Lab Activity - Experiment No. 2 To study the properties of acids and 	Weekly Test 1 (04.7.22) -Chemical Reactions and Equations
	Metals and Non- Metals No. of classes- (4)	 List the physical properties of metals and non-metals. Arrange metals in decreasing order of reactivity List metalloids and strategic elements and their uses. Write chemical equations for the reaction of metals and non-metals with oxygen. Name the types of oxides formed Explain amphoteric oxides with examples and chemical equations Write chemical equations for the reaction of metals and non-metals with oxygen. 	 bases by their reaction with litmus solution, Zn metal, solid Na₂CO₃ Lab Activity - Experiment No. 3 (2 Classes) To find the pH of the given samples by using pH paper/ universal indicator Develop a crossword puzzle based on properties of metals and non metals and share with the class. Simulation on formation of ionic compounds 	Weekly Assignment Worksheet (submission of work) Assessment worksheet Class participation Assessment (written + oral) Class Test
AUGUST	Metals and Non- Metals (Contd) No. of classes- (5)	 Show the formation of ionic compounds by transfer of electrons. Compare ionic and covalent bonds and list the properties of ionic compounds List the steps involved in metallurgy Explain the process of ore enrichment and types of reduction Draw flow diagram to show various reduction process 	 Colour on the periodic table chart where they could find metals, nonmetals, and metalloids. Students will also create a key that explains what the colors represent. Group discussion on properties of ionic compounds <u>ART INTEGRATION:</u> CARTOON STRIPS Make cartoon strips that beins students. 	Assessment worksheet Weekly assignment Class participation

	Carbon and its Compounds No. of classes- (3)	 Draw diagram for electrolytic refining of copper Explain corrosion and list ways to prevent it Compare ionic and covalent bonds Explain tetravalency and catenation Draw electron dot structures of the compounds to show covalent bond and its type 	 remember how to compare metals, non-metals and metalloids using their physical properties. Discussion on how the properties of ionic compounds differ from covalent compounds. Lab Activity - Experiment No. 4 (2 Classes) Observing the action of Zn, Fe, Cu, and Al metals on the given salt solutions and arrange the metals in decreasing order of reactivity. Discussion on how alloys are made and advantages of using alloys 	(written + oral) Art Integration Assessment Weekly Test II (05.8.22) - Acids, Bases and Salts
SEPTEMBER	Carbon and its Compound (contd) (No. of classes- 3) Revision – Chemical Reactions and Equations Acids, Bases and Salts Metals and Non- Metals No. of classes- (2)	 Compare saturated and unsaturated hydrocarbons. Write IUPAC names of organic compounds. Identify the functional groups in given organic compounds Explain oxidation and combustion reaction with equations 	 Simulation on formation of covalent bond in hydrocarbons (java lab) Use ball and stick model to show formation of covalent compounds Lab Activity - Experiment No. 5 (2 Classes) Study the following properties of acetic acid: odour, solubility in water, effect on litmus, reaction with NaHCO₃ 	Class participation Assessment (written + oral) MID TERM EXAMINATION (21.9.22 - 30.9.22) Ch-1 Chemical reactions and Equations Ch-2 Acids, Bases and Salts Ch-3 Metals and Non- Metals (till properties of ionic compounds)
OCTOBER	Carbon and its Compounds (Contd)	Explain hydrogenation reaction, substitution reaction, dehydration reaction, esterification reaction with	Use molecular model kit to make models of compounds formed during hydrogenation reaction, oxidation and substitution reaction	Assessment worksheet

	No. of classes- (5)	 chemical equations. List the properties and uses of ethanol and ethanoic acid. Draw the micelle structure for soaps and detergents. Explain the cleansing action of soap 	 Lab Activity - Experiment No. 6 (2 Classes) Study the comparative cleansing capacity of a sample of soap in soft and hard water Group discussion on advantages and disadvantages of using soaps and detergents Case study Topic: Carbon and its Compounds (hydrocarbons) 	Weekly assignment Class participation Assessment (written + oral) Class Test
NOVEMBER	Management of Natural Resources (<u>only for Internal</u> <u>Assessment)</u> No. of classes- (5) Revision No. of classes- (3)	 List the need for the management of natural resources Describe the steps to be taken for the conservation of forests and wild life Explain the importance of dams Mention the aim of water shed management Name some of the ancient water harvesting systems. Explain how to conserve fossil fuels 	 Discussion on need for management of resources, importance of forest and water conservation Preparing a power-point presentation on the topics mentioned. Study the rainfall patterns in India and identify the regions where water is abundant and the regions of water scarcity. Find out how Euro I and Euro II norms for emission from vehicles work towards reducing air pollution. 	Power-point presentation Class participation (Oral and Written) REVISION TEST (21.11.22 – 30.11.22) Ch-1 Chemical reactions and Equations Ch-2 Acids, Bases and Salts Ch-3 Metals and Non- Metals Ch-4 Carbon and its Compounds (Till chemical properties of carbon compounds)
DECEMBER & JANUARY	REVISION No. of classes- (8 + 4)	Ch- Chemical Reactions and Equations Ch- Acids, Bases and Salts Ch- Metals and Non-Metals Ch- Carbon and its Compounds		PRE BOARD EXAMINATION: (28.12.22 – 18.1.23) Full Syllabus
FEBRUARY	REVISION No. of classes- (4)	Full Syllabus		

NO. O	F PERIODS/TOPICS	LEARNING OUTCOME	ACTIVITIES	ASSESSMENTS
COVE	ERED			
MARCH		Students will be able to:	Padlet activity, jam board, preparation of	1) Google form
<u>Bridge</u>	COURSE	- define the terms food, nutrition, health, fitness	balance meal chart	2) Kahoot quiz
NUTRIE	NTS AND ITS IMPORTANCE	- differentiate between macro and micro nutrients.		
•	What are nutrients? and Difference between macro and micro nutrients.	- list the different types of nutrients and deficiencies		
•	Different types of diets. And nutrients and their deficiencies			
•	Balanced diet			
•	Adulteration, malpractices			
<u>APRIL</u>		Students will be able to:	Students will be asked to make a play	1) Google form
•	What is play? and role of play in development of children	-define the term play	for the age group of 0-3 years.	2) Class test
•	Types of play and selection of play material	Analyze the role of play in growth and development of children		
•	Play material for different age groups	-elaborate on the types of play		
		-select play materials for children.		
MAY		Students will be able to:	Learn to read your own growth and	1) Google form
1)	FEATURES OF CHILDHOOD:	-list the features of physical development during early and middle childhood	development chart maintained by your own pediatrician.	2) Quizzes.com
•	Early childhood (2-7 years) and Middle childhood (7-11 years)	-trace the motor development during early and middle childhood		
•	Physical, motor, social, emotional, cognitive and language development	-highlight social and emotional development		
		-compare the cognitive development during early and middle childhood		

2)	FEATURES AND PROBLEMS OF	Students will be able to:	Plan a balanced meal for an adolescent	1) Google form
	ADDLESCENTS	-define the term adolescence	on the basis of their likes and dislikes.	2) Ranoot.com 3) Padlet
٠	Adolescence and emotional, physical, social	identify the physical features of adelescent airle		
	and cognitive charactertics.	and boys		
•	Language development and problems of	recognize the cognitive and language chilities of		
	adolescents	adolescents		
		-Re aware of the problems faced by adolescents		
JULY		Students will be able to:	Prepare a time plan for yourself for one	- kahoot quiz
			day	
1) ●	Time management	-define the term time management and time plan		- assignment questions
		-list the importance time management		- worksheet
•	Importance of time management	-enlist the steps of making the time plan		23rd July 2021 weekly test
•	time plan			
		simplification		
•	energy management			
•	fatigue			
•	work simplification			
AUGUS	<u>I</u>	Students will be able to:	Collage on the different types of family	- Quizzes.com
1)		-define income and family income	income and their sources	 Assignment questions worksheet
')				- worksheet
•	Income and family income	-list the different types of income		
•	Types of incomes	-elaborate the factors affecting expenditure		
•	Expenditure and factors effecting expenditure	-list the steps in keeping record of income and expenditure		
		-state the importance of savings and expenditure		
•	Record of income and expenditure	· · · · · · · · · · · · · · · · · · ·		
•	Importance of saving and expenditure			
•	Investment schemes			
SEPTEN	<u>IBER</u>	Students will be able to:	Undertake a market survey and collect	- Google form
1)	FOOD & PERSONAL HYGIENE	-define the term food hygiene and personal	ISI mark and analyze them	- worksheet

Food hygiene	hygiene		
. Drinsislan of hypitatic handling of food	-list the principles of hygienic handling of food		
Principles of hygienic handling of food	-state the hygiene in kitchen and personal hygiene		
Hygiene in kitchen	practices		
Personal hygiene	-elaborate the hygiene during food storage		
Hygiene during food storage			
OCTOBER	Students will be able to:	Plan five different types of menus using	- Google form
Meal Planning Concept of Meal Planning Factors affecting meal planning Basis food groups 	-describe the importance of the term meal planning. -list the factors affecting meal planning	the basic food groups.	 Assignment questions worksheet
 Basic root groups Use of food groups in planning balanced meal for self and family. 	-state the different food groups and their importance		
	-plan different meals using the food groups.		
NOVEMEBER:	Students will be able to:	1) Write a report on any five	- Google form
Food Safety and Consumer Education	-list the different problems faced by the consumers.	malpractices you have observed in the market and write your responsibilities as a consumer	- Assignment questions - worksheet
 Problems faced by Consumer Mal-practices	-identify the various malpractices in the market.	in each context.	
Food adulterationFood Safety Standards-FSSAI (2006)	-state the different ways in which the food can be adulterated.	2) Prepare a slogan/poster to create awareness on consumer	
	-elaborate on the concept of FSSAI	education	
DECEMBER:	Students will be able to:	Remove stain from white cotton	- Google form
Care and Maintenance of Fabrics and	-list the different cleaning and finishing agents.	fabric: curry, paint, ball pen ink lipstick tea and coffee	- Assignment questions - worksheet
 Apparel Cleaning and finishing agents used in routine care of clothes. Stain Removal Storage of cotton, silk, wool and synthetics 	-elaborate on the different methods of stain removal from different types of fabrics. -state the different ways of storage of clothes.	init, applied, eeu und correc	

FRENCH -Class X

TEXT BOOK: ENTRE JEUNES II

MONTH	CONTENT	LEARNING OUTCOMES	ASSESSMENTS	ACTIVITIES
MARCH	Bridge course • Les articles • Les verbes • Posez des questions • Les proverbes • Compréhension écrite et expression écrite	Students will be able to revise • Les articles • Les verbes • Posez des questions • Les proverbes • Compréhension écrite et expression écrite	Présenter quelqu'un (Assessment of Speaking Skill) Worksheets - Compréhension ecrite, expression ecrite, grammaire topics.	Compréhension écrite Compréhension orale
APRIL	 Après le bac Le Futur Antérieur Le système d'éducation en France et en Inde. IUT 	 Students will be able to- Conjugate all verbs in future antérieur form. Describe the education system in France and compare it with that in India. 	Expression Ecrite - La Lettre : Décrivez le système d'éducation. Worksheets - Compréhension ecrite, Grammaire, Question Bank.	Une discussion- Que feriez- vous après le Bac ? Comparez le système éducatif en France et en Inde.
MAY	 Après le bac – Contd Le CROUS Les Expressions de l'examen Université de Sorbonne 	• Form the noun form of verbs and vice versa and use them in sentences of their own.	 Worksheets - Compréhension ecrite, Grammaire, Question Bank Class Test (practice) - Leçons 1 & 2 20.05.22-Weekly Test 	Compréhension écrite Compréhension orale
MAY	 Chercher du travail Pronoms Relatifs simples et composés Le Curriculum Vitae Expressions avec le mot "travail" 	 Students will be able to – Write their C.V in French with all the required rubriques. Rewrite sentences using pronoms relatifs – both simples and composés. 	Experiential Learning based Activity: Students will write a C.V and apply for a job through classified advertisements.	Créez votre C.V. Un Jeu de rôle

	Les Petits Annonces		Worksheets - Compréhension ecrite, Grammaire, Question Bank Holiday Homework : <u>Art Integration</u> - une affiche <u>Subject Enrichment-</u> Compréhension écoute Practice worksheets	
JULY	Le plaisir de lire Lisez le dialogue Plus-que-parfait Les livres et les écrivains	Students will be able to do- Le plus-que –parfait Le Bibliothèque Le Petit Prince Les rubriques d'un journal Le Renard et les Raisins Panchatantra Story writing	Worksheet- le plus-que -parfait	Créez une couverture de votre roman préféré et faites le résumé
JULY	Les médias Les pronoms-y et en Les rubriques des journaux Les chaînes de télé et de radio en France	Students will be able to know about • Les chaînes de la télé • La Radio françaises They will practice • Impératif – affirmative et négatif • Pronoms Y et EN • Les journaux français • Les magazines • Le message	Weekly Test 29/07/2022 Syllabus : Lessons -3,4,5 Worksheet- les pronoms –y, en et l'impératif	RFI- une comprehension orale France Inter- une compréhension orale Compréhension écrite- Le Figaro/ Le Monde

AUGUST	 Chacun ses gouts Les pronoms Démonstratifs (simples et composés) Les musées Les films français 	Students will be able to do- • Les pronoms Démonstratifs (simples et composés) • Les musées • Les films français • Movie Review • Les Expressions et Proverbes • Les forms verbales et nominales	Subject Enrichment Production orale et compréhension orale Worksheet- les pronoms démonstratifs	Art Integration Un réplica de peintre française (n'importe laquelle) Creez un dialgoue entre deux amis en discutant leurs gouts
SEPTEMBER	En pleine forme • La santé – Les maladies • La Sécu • Le sport et les exercices • Les Pronoms Possessifs	Students will be able to learn about- • La santé – Les maladies • La Sécu • Le sport et les exercices • Les Pronoms Possessifs	Question Bank Les exercices et Q/A Worksheet- les pronoms possessifs	Débat – Importance of health and sports in our lives. (Speaking Skill)
	Revision	Lessons 2-7 1. L.2 – Après le bac 2. L.3 – Chercher du travail 3. L.4 – Le plaisir de lire 4. L.5 - Les médias 5. L.6 - Chacun ses goûts 6. L.7 – En pleine forme All Grammar topics Writing skills Compréhension Écrite	Term –I Exam (80 marks) Syllabus - Lessons 2 to 7 Grammar – All tenses done so far, Adjectifs and pronoms possessifs and demonstratifs, pronoms personnels, Y, En. Writing Skills –Letter, rearrange the dialogue Unseen passage and culture & civilisation.	
OCTOBER	L'environment Le subjonctif Comment Protéger l'environnement	Students will be able to do- • Comment Protéger l'environnement • Réduire , réutiliser , recycler • Le Subjonctif	Assessment Based Activity : Class Test – lessons 7 & 8 Speaking skills Les Pollutions – ses effets et la remédie.	Art Integration Une affiche- Protéger/ sauver la planète
			Audio Comprehension- L'Environnement. (Listening Skill	
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OCTOBER	Vive la République Le Discours Rapporté	 Le système politique en France et en Inde Expressions de la telephone Le Discours Rapporté 	Worksheet- le discours rapporté- style direct-style indirect Subject Enrichment Production orale et compréhension orale	Une étude comparatif- une discussion- le système politique en France et en Inde
November to January 2023	REVISION for PRE-BOARD and BOARD EXAMS EXAMS	 L.2 – Après le bac L.3 – Chercher du travail L.4 – Le plaisir de lire L.5 - Les médias L.6 - Chacun ses goûts L.7 – En pleine forme L.8 – L'environnement L.10 - Vive la République! Grammaire Sample papers Comprehension écrite Expression écrite Civilisation 	Revision Tests- 21 Nov-30 Nov 2022 Pre Board Examination from 28 Dec-18 Jan 2023	

PARENT SYLLABUS – JULY ONWARDS (2022–2023) CLASS X COMPUTER APPLICATION

MONTH	TOPICS/ SUBTOPICS	LEARNING OUTCOMES	ASSIGNMENTS	ASSESSMENT
March	Topics: Unit 2: HTML	Each student will be able to	 Reading 	 Worksheet
	Sub Topic:	familiarize with creating simple	•Listening	 Google form
	 Introduction to web page designing using HTML: 	web page using HTML commands	•Speaking	HTML Output
	Create and save an HTML document, access a web	in Notepad and executing the	Thinking	•Webpage
	page using a web browser.	correct output	 Creating a webpage using 	●Quiz
	 HTML tags: html, head, title, body, (attributes: text, 		basic HTML commands	
	background, bgcolor, link, vlink, alink),			

	 br (break), hr(horizontal rule), inserting comments, h1h6 (heading), p, b, l, u 			
April	 HTML Tags ul, ol and li Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type). Font tags (attributes: face, size, color). sup (super script), sub (subscript). Insert images: img (attributes: src, width, height, alt) 	Each student will be able to create lists and insert images in HTML. They will be able to use the lists and Images in the webpages.	 Reading Listening Speaking Thinking Creating a webpage using lists and inserting images in webpage using HTML commands 	 Worksheet Google form HTML Output Webpage Weekly Test
Мау	 HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox. 	Each student will be able to create a form using HTML commands.	 Reading Listening Speaking Thinking Creating a feedback form using HTML commands 	 Worksheet Google form HTML Output Webpage Quiz
July	 Unit 3: Cyber ethics July Netiquettes. Software licenses and the open source software movement. Intellectual property rights, plagiarism and digital property rights. Freedom of information and the digital divide. E-commerce: Privacy, fraud, secure data transmission. 	Each student will be able to understand Cyber Ethics, IPR, Freedom of Information	 Reading Listening Speaking Thinking Creating a digital poster on Cyber Ethics 	 Worksheet Google form Poster Quiz
August	Topic: Networking Sub Topic Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site.	Each student will be able to understand different terms used in Internet and Networking	 Reading Listening Speaking Thinking Creating a Presentation on Networking 	 Worksheet Google form Presentation
September	Topic: Networking Sub Topic Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP	Each student will be able to understand the uses of various Internet protocols	 Reading Listening Speaking Thinking Creating a Table on Internet Protocols 	 Worksheet Google form Table

October	Topic: NetworkingSub TopicServices available on the internet: informationretrieval, locating sites using search engines andfinding people on the net;Web services: chat, email, video conferencing, e-Learning, e-Banking, e-Shopping, e-Reservation, e-Governance, e-Groups, social networking.Mobile technologies: SMS, MMS, 3G, 4G.	Each student will be able to understand the uses merits and demerits of different web services.	 Reading Listening Speaking Thinking Creating a chart on E Services. 	WorksheetGoogle formPoster
November	Topic: HTML II Sub Topic Embed audio and video in a HTML page. Create a table using the tags: table, tr, th, td, rowspan, colspan Links: significance of linking, anchor element (attributes: href, mailto), targets.	Each student will be able to Embed audio, video, insert Table and links using HTML Commands.	 Reading Listening Speaking Thinking Creating tables and links using HTML commands 	 Worksheet Google form HTML Output Webpage
December	Topic: HTML II Sub Topic Cascading style sheets: colour, background-colour, border-style, margin, height, width,outline, font (family, style, size), align, float	Each student will be able to use CSS while creating web pages	 Reading Listening Speaking Thinking Creating a webpage using CSS commands 	 Worksheet Google form HTML Output Webpage