



QUEENS' COLLEGE, INDORE

Annual Curriculum Plan

COMPENDIUM

Weekly Planning

Class-X

Session 2024-2025

S.No.	Particulars	Page No.
1.	Principal's Message	3
2.	English	4
3.	Hindi	12
4.	Mathematics	21
5.	General Science	28
6.	Social Science	38
7.	Artificial Intelligence	50
8.	Art & Craft	58
9.	Drawing & Sketching	59
10.	Vocal Music	60
11.	Instrumental Music (String,Melody, Percussion)	62
12.	Dance (Classical, Folk)	67
13.	Sports (Swimming, Volleyball, Roll Ball & Skating, Cricket, Badminton, Basketball)	70

Dear Students and parents
Greetings!

Curriculum is the foundation of teaching learning process.

Annual Curriculum plan refers to the planned or officially designed course of study translated by the teacher in to syllabi, schemes of work and lessons to be delivered to provide meaningful learning experiences to students. It is tailored to the unique academic needs of the school & the parent community. ACP establishes guidelines & procedures for the development, revision, enrichment & evaluation of the written curriculum in all subjects. It also provides an ongoing cycle of assessment/evaluation schedule of a particular session. This collaborative & coordinated work plan is coherent & consistent with the mission & vision of the school in order to achieve school educational goals. This plan is implemented effectively to manage organizational & systematic operation of the curriculum.

Best wishes!

Ms. Geetha Somasekharan
Principal

Subject:- ENGLISH**Book Followed:- NCERT FIRST WORDS & FOOTPRINTS WITHOUT FEET WORDS & EXPRESSIONS II, GRAMMAR BOOK**

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	CH 1. A letter to God	To enable the students to- 1. understand the plot and character of the story. 2. enjoy and appreciate the story and the use of language. 3. become aware of the theme and emotions. 4. understand the importance of faith 5. engage in learning and recognizing the multilingualism in the chapter.	Students will be able to- 1. Puzzle out the meaning of some unfamiliar words in the story. 2. discuss and infer on theme-staunch belief in God 3. analyze the climax 4. create the new climax 5. recreate the story
2	11 to 16 March 2024	P.1 Dust of Snow	To enable the students to- 1. identify the poetic devices used in the poem 2. sensitize towards nature's soothing/ healing effect and the fact that two negatives can become a positive. 3. comprehend how do small things bring change in life.	Students will be able to- 1. Read, comprehend and respond to complex texts independently in order to demonstrate transition from learning to read to reading to learn. 2. express their experiences of small incidents bringing change in life. 3. discuss on the presence of negative energy and positive energy in lives.
		P.2 Fire and Ice	To enable the students to- 1. comprehend literary devices as simile, symbolism 2. contemplate about different human emotions and their effect. 3. deduce that both fiery and the cold temperaments have the power to destroy the world. 4. analyze the theory of the end of the world	Students will be able to- 1. discuss on the issue-war and its reasons 2. put forth proposition for the solution to deal with evil emotions. 3. interpret the indirect connotation 4. relate other elements to the poem.

3	18 to 23 March 2024	Ch.1 (SR) Triumph of Surgery	To enable the students to- 1. Understand that dog is the most faithful pet. 2. understand that declined health was the outcome of Mrs. Pumphrey 's over caring nature. 3. assess personality traits of the narrator and Mrs. Pumphrey relate the story and bring out the comparison between Mrs. Pumphrey and today's parents 4.discuss the possibilities of the treatment done by Herriot.	Students will be able to- 1analyse how over pampering of children can affect them. 2. Reflect and answer factual, inferential, evaluative and reference to context questions 3. distinguish between Mrs. Pumphrey's and Mr. Herriot's way of taking care of the dog (over-caring nature v/s valuing others' emotions) 4. write a character sketch of the Narrator and Mrs. Pumphrey, giving instances from the story. 5. elucidate that silly and negligent behaviour of rich people like Mrs.Pumphrey whom harm their near and dear ones by their extra caring nature 6.discuss how the treatment of the dog was a 'Triumph of Surgery'.
4	25 to 30 March 2024	Determiners	To enable the students to- 1. learn articles 2.comprehend quantifiers. 3. solve exercises	Students will be able to- 1. differentiate between definite and indefinite articles 2.use quantifiers in sentences. 3. analyze and solve da based questions
5	1 to 6 April 2024	P.2 A Tiger in Zoo	To enable the students to- 1. empathize with the condition of a caged animal. 2.identify the actions of a tiger in jungle 3.develop a suitable opinion about the cruelty of man towards animals	Students will be able to- 1. discuss on the consequences of deforestation. 2. compare the actions of both the tigers 3. analyze by mapping out the concept of freedom.
		CH. 2 Nelson Mandela (Long Walk to Freedom)	To enable the students to- 1.peep into the system of apartheid. 2.relate the suppression or discrimination prevailing in daily life. 3get an insight into the long struggle for democracy and Mandela's belief about humanity 4.develop the feeling of unity and a longing for change 5.comprehend the concept of fear and courage.	Students will- 1. discuss on the reasons and consequences of apartheid. 2. develop the system map the way one desires for nation. 3.give examples of humanity from the society. 4.speak about the time they felt the nerve of fear and of when exhibited courage.

6	8 to 13 April 2024	CH. 2 Nelson Mandela (Long Walk to Freedom)	To enable the students to- 1. peep into the system of apartheid. 2. relate the suppression or discrimination prevailing in daily life. 3. get an insight into the long struggle for democracy and Mandela's belief about humanity 4. develop the feeling of unity and a longing for change 5. comprehend the concept of fear and courage.	Students will be able to- 1. discuss on the reasons and consequences of apartheid. 2. develop the system map the way one desires for nation. 3. give examples of humanity from the society. 4. speak about the time they felt the nerve of fear and of when exhibited courage.
7	15 to 20 April 2024	Tenses	To enable the students to- 1. learn different usages of different tenses-simple, continuous, perfect, perfect continuous. 2. comprehend the situations in which tenses are used. 3. synthesize the various tense to integrate them.	Students will be able to- 1. Apply the usage of verb in the structure of tenses 2. Use tenses in real life situation appropriately 3. Identify the tenses in paragraphs and prose
		Letter to the Editor	To enable the students to- 1. learn the use of letter to the editor. 2. discuss format of letter 3. practice letter to the editor	Students will be able to- 1. write letter to the editor by identifying the situation and use the format aptly
8	22 to 30 April 2024	CH. 3 Two Stories about Flying	To enable the students to- 1. Understand the fact that failure is the stepping stone of success. 2. Analyze the role of parents in the development of a child. 3. discuss on the supernatural powers. 4. relate the ch.1 with the black aeroplane story 5. develop the value for putting efforts and not giving up.	Students will be able to- 1. respond to the proverb-Where there's a will there's a way in the context of the story and life. 2. relate their failures and attempt to cope up with that of seagull. 3. present their ideas about the ending of the black aeroplane. 4. appreciate the expressions used in the chapter.
		P.3 How to Tell Wild Animals	To enable the students to- 1. Identify some of the wild animals with their peculiarities 2. Enjoy and appreciate humor in the poem. 3. Understand meaning of expressions like crocodile tears, bears hug, hyenas smile etc. 4. Recall similar expressions and popular ideas about wild animals in their own language(s) 5. Understand poetic license	Students will be able to- 1. identify and discuss on different types of wild animals. 2. compare the poems on animals given in textbook.
9	15 to 22 June 2024	CH.2 (SR) The Thief's Story	To enable the students to- 1. understand importance of education. 2. To understand the two different characters i.e. Anil & Hari Singh. 3. develop value of benevolence and humility.	Students will be able to- 1. analyze how education has changed the perspective of Hari Singh. 2. evaluate the practicality of Anil's behaviour. 3. Value the human emotions -by discussing on climax.

		CH.4-From the Diary of Anne Frank	To enable the students to- 1.develop familiarity with social issues and participate in group discussion. 2.develop an understanding about Anne Frank- a Jewish girl witnessed horrors of Nazi rule. 3.reason out the logics of Anne and her relation with teachers. 4.infer the anxiety reasons during result announcement 5.understand elements of humour	Students will be able to- 1. Analyse the anxiety of students before the result day and the various ways a teacher-student bond gets established. 2. Discuss the consequences of war. 3. Mapping of the adolescents' mental turmoil. 4.Analyze the reaction of Anne for her teacher.
10	24 to 29 June 2024	LETTER OF ENQUIRY LETTER OF ORDER	To enable the students to- 1. familiarize the students with different formats of the writing skills 2.give model exercise of each writing skill 3.give practice exercise of each writing skill -enquiry, order 4. familiarize with the situation in which letter of enquiry and order is used.	Students will be able to- 1.Reiterate use of enquiry and order letter. 2. Use the formats discussed and draft the letters.
11	1 July to 6 July 2024	P.4 The Ball poem	To enable the students to- 1.develop a sense of belongingness. 2.accept responsibilities in life. 3.develop a deep emotional attachment and memories. 4.develop a feeling of regret on losing something. 5.reason a young child's feelings at the loss of a valuable possession and the fact that loss is inevitable. 6.develop the concept of epistemology of loss. 7. cope up with the challenges, stand against all odds and progress in life	Students will be able to- 1.produce their analysis on losses they had in their live and the way they have dealt with them. 2. interpret the indirect connotation of the poem 3. discuss on the value of materialistic world and ultimate truth of life.
12	8 to 11 July 2024	Revision		
13	12 to 22 July 2024	P A-1		
14.	23 to 27 July 2024	P.5 Amanda	To enable the students to- 1.be specific in reflection, expression and individual opinion and deeper understanding of Amanda 2. infer the use of parenthesis 3.comprehend the concept of escapism. 4. develop value for parents.	Students will be able to- 1.evaluate Amanda's situation and suggest solutions 2.analyse the situation that leads Amanda to escape into the fantasy world 3.discuss the need to narrow the generation gap and foster mutual respect and understanding.

15	29 to 31 Aug. 2024	CH.3 (SR) The Midnight Visitor	To enable the students to- 1.infer the theme of the chapter. 2.Understand the importance of presence of mind in life working in collaborative manner and communicating ideas with each other. 3. chalk out the elements of humour in the chapter. 4.conjecture the climax.	Students will be able to- 1.make character analysis of Ausable, Max & Fowler 2.analyse Ausable's ability to think quickly and calmly in a situation of panic. 3.Critically analyze the importance of taking right decisions in life 4.narrate their experience of using presence of mind in life.
		CH.4 (SR) A Question of Trust	To enable the students to- 1.analyze the actions of horace. 2.develop value for meticulous planning. 3.judge the climax 4. understand the term- Honour Among Thieves	Students will be able to- 1.write the conversation based on the given situations. 2.listdown the words/ phrases that tell about Horace's anxiety. 3.compare both the characters-Horace and the lady and draw out their character traits.
16	5 to 10 Aug. 2024	CH. 5 FOOTPRINTS WITHOUT FEET	To enable the students to- 1. know the effects of misusing the technology. 2. imbibe values like empathy, respect, care and concern, faith, peace and patience, compassion. 3.understand that knowledge should be used for betterment of humanity 4.discuss the pros and cons of science.	Students will be able to- 1.discuss on greed destroys everything 2.discuss on ways to deal with science. 3.analyze Griffin as a Scientist.
		MODALS	To enable the students to- 1.learn the basic rules of modals. 2. comprehend the usage of modals. 3. relate the use of modals with that of tenses.	Students will be able to- 1.differentiate between the modals used for possibility, obligation, and necessity by identifying these types of modals in the language around them. 2. use modals in day to day life situation 3.use modals with tenses in integrated manner.
17	12 to 17 Aug. 2024	CH-7 Glimpses of India	To enable the students to- 1.recollect childhood memories. 2.respect values, beliefs and customs of others. 3.develop inquisitiveness – towards people, culture and old methods. 4.understand that tradition is deep rooted in our culture. 5.comprehend specific details about the people of Coorg. 6.appreciate the culture , tradition and natural beauty of Coorg. 7.gain information of the various stages of growing tea.	Students will be able to-- 1.analyse the importance of the role of bakers. 2.demonstrate sensitivity towards the awareness of diversity 3.present detail about the vast stretches spread across the landscape of Assam. 4.rationalise how doing one's homework before any new venture is a smart move 5.present information on various stages of growing tea.

18	19 to 24 Aug 2024	CH 6.(SR) The Making of a Scientist	To enable the students to- 1. encourage for their inclination towards beginning with small discoveries and inculcate the habits thereof. 2. -develop their curiosity to enhance their knowledge, learning. 3. be observant and unending hunger to discover more. 4. analyze their cult for science. 5. infer qualities needed to be a scientist.	Students will- 1. Appreciate the struggle and achievements of Robert Enright. 2. analyze the role of mother in the development of a child. 3. differentiate the journey of Griffin and Ebright as a scientist. 4. evaluate that Ebrights' works were directly related to Biology and discovery of cell's structure helped the scientific community to understand how the organisms function and grow. 5. discuss their experience at science exhibitions.
19	26 to 31 August 2024	CH-7(SR) The Necklace	To enable the students to- 1. Inculcate the values of realization of truth and satisfaction 2. Understand that over ambition results in frustration and destruction of peace of mind 3. Understand showism and greed has no limit, it ultimately proves disastrous, thus would refrain from it. 4. Analyze the climax and elaborate it.	Students will be able to- 1. relate the greed factor used here and in Tricki. 2. analyze the character traits of Matilda and root out the causes of her sufferings. 3. Critically analyse that one must not wallow in self-pity always. 4. Debate on 'Honesty is the best policy'. 5. present the extended climax of their own.
20	2 to 7 Sept. 2024	Revision		
21	9 to 16 Sept. 2024	Revision		
22	18 to 30 Sept .2024	Term –I Examination		
23	1 to 10 Oct. 2024	P.8 Fog	To enable the students to- 1. know about Haiku-A Japanese poem of seventeen syllables. 2. understand that change is an unavoidable and natural process 3. explain the comparison between fog and the cat.	Students will be able to- 1. analyse the poem to bring out the theme of the poem. 2. -analyse the poem through appropriate inferential questions 3. explore the poem to justify nature's uncaring attitude towards mankind and the inevitability of change.
		CH.8 Mijbil the Otter	To enable the students to- 1. explore the details about otters. 2. highlight the character traits of the main characters. 3. explore the possibilities of the otter's taming.	Students will be able to- 1. create a timeline. 2. discuss about Bruno in their previous class IX lesson 'The Bond of Love' 3. analyze how the author faced hurdles and overcome by mapping it.
24	11 and 12 Oct. 2024	Dussehra Holidays		

25	14 to 19 Oct. 2024	CH.9 Madam Rides the Bus	To enable the students to- 1.highlightthe character traits of Valli. 2.imbibe the qualities of courage and compassion. 3.understand the meticulous ways used by Valli. 4.evaluate the actions of protagonist.	Students will be able to- 1.recount how they generally spend their pocket money 2.mention how Valli's journey to the city was also her orientation to the mystery of life and death. 3.analyse the qualities of Valli to write a character sketch 4.put forth their view points adding details of any incident that troubled them a lot
		P.9-The Tale of Custard the Dragon	To enable the students to- 1.help the students to comprehend the poem in totality 2.comprehend the chains one has on self. 3.comprehend the humour used as an element to elaborate the theme.	Students will be able to- 1.infer the theme of the poem. 2.compare the animals perspective and of Dragon. 3.discuss while evaluating that one is chained by conditioning.
26	21 to 28 Oct. 2024	CH.11 The Proposal	To enable the students to- 1.comprehend the cultural intricacies of Russian wedding. 2.compare the character traits of all the characters of the play. 3.explain and summarize the prose. 4.interpret the ideas based on the theme and message of the play 5.dramatise the play	Students will be able to- 1. differentiate between internal and external conflict. 2. articulate the necessity of conflict within the text 3.List the customs similar and common in Indian and Russian Weddings 4. evaluate the hollowness of the society-external factors for the wedding. 5.identify the elements of humour in the play.
		Reported Speech	To enable the students to- 1.conceptualize the usage of direct speech and indirect speech 2.learn the conversion of speech in sentences and passages. 3.learn the structures of indirect speech.	Students will be able to- 1.use indirect speech in real life situation. 2.articulate and differentiate in various reported speeches-affirmative, imperative, interrogative etc.
27	29 Oct. to 2 Nov..2024	Diwali Holidays		
28	4 to 9Nov. 2024	Complaint Letter	To enable the students to- 1.learn the format of complaint letter. 2.comprehend the conditions in which complaint letter is used. 3.write complaint letters on given situation	Students will be able to- 1.write complaint letter as per the format. 2.use complaint letter in real life based situation.
29	11 to 16 Nov. 2024	Analytical Paragraph	To enable the students to- 1.analyze the given data. 2.comprehend the importance of analysis in life. 3.draft analytical paragraphs based on data provided.	Students will be able to- 1.chalk out points on the basis of analysis. 2.write analytical paragraph based on their evaluative study.

30	18 to 23 Nov. 2024	CH.9 (SR) BHOLI	To enable the students to- 1. sensitize the students to the importance of education. 2.explain the importance of emotional security and family support for children. 3.analyze the role of mentor in life of Bholi. 4.imbibe moral values in the students such as dowry is a social abuse, any disabled should not be made fun of etc.	Students will be able to- 1.analyse the qualities of Sulekha, the teacher, Ramlal and Bishamber 2.assess the topic to put forth appraise and judge the topic to put forth arguments convincingly Topic -'First her wings are cut and then she's blamed for not knowing how to fly. 'than our work effort that gets the right result. 3.discuss on the solution on the social evil-Dowry 4.cite the need of love, encouragement and education for the disabled to fight against their odds
31	25 to 30 Nov. 2024	CH.10 SERMONS AT BENARES	To enable the students to- 1.differentiate sermon from a lecture or a talk. 2.develop the values of patience, help and care for others in themselves. 3.develop understanding of the fact that death is the ultimate truth. Everything is subject to decay.	Students will be able to- 1.find ways to deal with grief keeping in mind the ideas and teachings of Buddha. 2.create comparison between the philosophy used here and that of any previous text studied by them. 3.discuss other philosophical notes used in great texts or by great people.
		P.10 For Anne Gregory	To enable the students to- 1.explore about the life and works of the poet 2.identify and assert the theme of the poem. 3.infer the philosophy imbibed in the poem	Students will be able to- 1. highlight the conventional image of a beautiful person 2.create a web chart of all the poetic devices and write examples of your own. 3.present their point of view on the given topic-related to the internal beauty.
32	2 to 4 Dec.2024	Revision		
33	5 to 17 Dec.2024	PA-III / Pre- Board -1		
34	18 to 21Dec. 2024	CH.10 (SR)THE BOOK THAT SAVED THE EARTH	To enable the students to- 1.discuss the concept of Aliens, Martians. 2.bring out the humour evident in the text. 3.analyse the qualities of Think-Tank and apprentice, Noodle as expressed through their names. 4.infer the elements of humour in the play.	Students will be able to- 1.mention the human progresses that have been talked about in the text by the Martians. 2.write a character sketch-Noodles, Think-Tank. 3.discuss their nostalgic experience with rhymes. 4.extend the use of any other rhyme not given in text in context of elaboration of the chapter.
35.	23 to 28 Dec. 2024	SUBJECT-VERB AGREEMENT	To enable the students to- 1.discuss on subject usage and controversies it has with the use of verb. 2.understand the rules of subject-verb agreement and can do correction of sub-verb agreement in sentences.	Students will be able to- 1.identify the error in sentences. 2.apply the correct usage of subject and verb in their routine sentences.
36	2 to 13 Jna.2025	REVISION		
37	16 to 27 Jan. 2025	Pre- Board -I / Pre-Board -II		

Subject:-हिंदी'ब' (085)

Book Followed:-स्पर्शभाग-2 एवंसहायकपुस्तक-संचयनभाग2,व्याकरण दर्शिका

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	पद्य 1.कबीर (साखी)	1.विद्यार्थियोंमें काव्य के प्रति रुचि उत्पन्न करना 2.विद्यार्थियों में भावानुभूति तथा सौंदर्यनुभूति का विकास करना 3. ईश्वर की सर्वव्यापकता का ज्ञान कराना 4. साखी के माध्यम से ईश्वर की सच्ची भक्ति के तरीके से परिचितकराना	विद्यार्थी - 1. जीवन की व्यावहारिकता सीखेंगे। 2.अहंकार रहित वाणी का प्रयोग करना सीखेंगे। 3. ईश्वर कण-कण में व्याप्त है यह सीखेंगे। 4.आडम्बरके स्थान पर सच्ची भक्तिमहत्त्वपूर्ण है सीखेंगे 5.निंदक के प्रति उदारतापूर्ण व्यवहार करने का ज्ञान सीखेंगे
2	11 to 16 March 2024	पद्य 1.कबीर (साखी) निरंतर + 1. बड़े भाई साहब (गद्य)	1.विद्यार्थियोंमें काव्य के प्रति रुचि उत्पन्न करना 2.विद्यार्थियों में भावानुभूति तथा सौंदर्यनुभूति का विकास करना 3. ईश्वर की सर्वव्यापकता का ज्ञान कराना ----- 1.विद्यार्थियों द्वारा शिक्षा की उपयोगिता समझते हुए प्राचीन व नवीनशिक्षा प्रणाली की तुलनात्मक जानकारी सहभागिता के माध्यम सेप्राप्त करना 2.खेल और शिक्षा में समन्वय करना	विद्यार्थी - 1.जीवन की व्यावहारिकता सीखेंगे। 2.अहंकार रहित वाणी का प्रयोग करना सीखेंगे। 3. ईश्वर कण-कण में व्याप्त है यह सीखेंगे। ----- विद्यार्थी - 1.परिवार का महत्त्वजानपाएंगे। 2.समय नियोजन का ज्ञान व महत्त्व समझेंगे। 3.ज्ञान प्राप्ति में समय की महत्ता जान पाएंगे
3	18 to 23 March 2024	गद्य 1. बड़े भाई साहब	1.विद्यार्थियोंद्वारा शिक्षा की उपयोगिता समझते हुए प्राचीन व नवीनशिक्षा प्रणाली की तुलनात्मक जानकारी सहभागिता के माध्यम सेप्राप्त करना 2.खेल और शिक्षा में समन्वय करना	विद्यार्थी - 1.परिवार का महत्त्वजानपाएंगे। 2.समय नियोजन का ज्ञान व महत्त्व समझेंगे 3.ज्ञान प्राप्ति में समय की महत्ता जान पाएंगे
4	25 to 30 March 2024	पद्य 2.मीरा के पद	1.मीराके भावों के साथ तादात्म्य स्थापित करते हुए विद्यार्थियों कोदास्य भाव की भक्ति से अवगत कराना 2. कविता का रसास्वादन करने की योग्यता का विकास 3. शांत रस की अनुभूति करने की योग्यता का विकास	विद्यार्थी - 1.विष्णु के दस अवतार के बारे में जान पाएंगे। 2.कृष्ण के प्रति मीरा की अनन्य भक्ति समझ पाएंगे। 3.भक्त प्रह्लादकी भक्ति से परिचितहोंगे।

				4.आलंकारिक भाषा को पहचानने में सक्षम हो सकेंगे
5	01 to 6 April 2024	व्याकरण - 1.समास 2. मुहावरे	1.विद्यार्थी आपस में सम्बन्ध रखने वाले शब्दों के विषय में जानप्राप्त करेंगे 2. .विद्यार्थी दो या दो से अधिक पदों के मेल को समझने का ज्ञान प्राप्त करेंगे ----- 1.मुहावरेका अभिप्राय समझना 2. मुहावरे के प्रयोग की आवश्यकता जानना 3. मुहावरे की विशेषताएँ जानना	विद्यार्थी 1.समास से शब्दों का निर्माण करना सीखेंगे 2.पदों को संक्षिप्त या छोटा करना सीखेंगे ----- 1.मुहावरेद्वारा भाषा को सुदृढ़ औररुचिकर बनाना सीखेंगे 2.विभिन्न मुहावरों का अर्थ एवं उनका वाक्य-प्रयोग जान पाएंगे
6	8 to 13 April 2024	रचनात्मक लेखन 1.अनुच्छेद लेखन 2.औपचारिक पत्र 3. विज्ञापन लेखन	1.सीमितशब्दों में अपने विचार प्रकट करना सीखेंगे 2.एक केंद्रीय भाव का क्रमिक विस्तार करना सीखेंगे ----- 1. विद्यार्थी अपनी बात को स्पष्ट और संक्षिप्त रूप से लिख पाएंगे 2. विद्यार्थी अधिकारियों को लिखे जाने वाले पत्र के विभिन्न अंगोंसंबोधन, प्रशस्ति, मुख्य विषय, सम्बन्ध सूचक शब्द, पता आदि लिखनेमें सक्षम बनेंगे ----- 1.विभिन्नप्रकार के विषयों के महत्त्वपूर्ण बिन्दुओं से परिचित होना 2.लोगों को आकर्षित करने वाले बिन्दुओं की पहचान करना सीखेंगे 3. कम-से-कम शब्दों में अधिक-से-अधिक विशेषताओं को व्यक्तकरना सीखेंगे	विद्यार्थी 1.सीमित शब्दों में अपने विचारों को प्रकट करने की शैली सीखेंगे। 2.अनुच्छेद लेखन में प्रमुख बिंदुओं को लेकर 80 से 100 शब्दों में अपने विचारलिख सकेंगे। ----- 1.औपचारिक पत्र लेखन की कलासीखेंगे। 2.प्रार्थना पत्र, आवेदन पत्र, शिकायती पत्र, कार्यालयी पत्र, व्यावसायिक पत्रऔर संपादकीय पत्र लिखनासीखेंगे ----- 1.नवीन उत्पाद अथवा सेवा की सूचना जन-जन तक पहुंचाना सीखेंगे। 2.रचनात्मकता सीखेंगे। 3.उत्पाद के प्रति जनता के मन में रुचि और विश्वास उत्पन्न करनासीखेंगे।
7	15 to 20 April 2024	गद्य 2. डायरी का एक पन्ना	1.विद्यार्थियोंको आज़ादी के महत्त्व को समझाते हुए देशप्रेम कीभावना जाग्रत करना 2. सभाओं व उत्सवों का प्रविवेचन तैयार करना सीखेंगे	विद्यार्थी 1.स्वतंत्रता के इतिहास में 26 जनवरी 1930 का महत्त्व जान पाएँगे 2.आज़ादी की लड़ाई में कोलकाता की महिलाओं के योगदान के महत्त्व को समझेंगी

8	22 to 30 April 2024	गद्य 3. ततारा-वामीरो कथा	<p>1.विद्यार्थियोंकोलोककथाओं की उपयोगिता समझाते हुएउनके प्रदेश व अंदमान की लोक कथाओं की तुलनात्मक जानकारी देना ।</p> <p>2.समाज की संकीर्ण रूढ़ियों को समय के अनुसार बदलना कितनाआवश्यक है कक्षा में इस पर चर्चा करना ।</p> <p>3.कठिन शब्दों का अभ्यास जैसे- किंकर्तव्यविमूढ़,विह्वल,याचक,पारंपरिक, अन्यमनस्कता ।</p>	<p>विद्यार्थी</p> <p>1.ईश्वर की देन-प्रेम का सम्मान करने की सीख प्रेम जोड़ता है, घृणा दूरी बढ़ातीहै, सीखेंगे ।</p> <p>2.लोक कथाओं का महत्त्व जान पाएंगे।</p> <p>3.अंदमान व निकोबार द्वीप समूह के विभक्त होने के बारे में जान पाएंगे।</p> <p>4.मुहावरों का वाक्य में प्रयोग करने में सक्षम होंगे ।</p>
9	15 to 22 June 2024	पद्य 7. तोप	<p>1. कविता को पढ़कर भाव समझने में सक्षम होंगे कि कोई भी तोपकितनी ही शक्तिशाली क्यों न हो एक न एक दिन उसका अंतनिश्चित है ।</p> <p>2.शब्दों के प्रयोग की भिन्नता से परिचित होंगे । जैसे- धरोहर काअर्थ संचय के रूप में हुआ है तो धर का रखने के अर्थ में प्रयोगहुआ है ।</p>	<p>विद्यार्थी</p> <p>1.प्रतीकों के माध्यम से भूतकाल में हुई भूलों से परिचित होंगे ।</p> <p>2.समझेंगे की कोई भी शक्ति किनती ही विनाशकारीक्यों न हो एक न एक दिन उसका नष्ट होनानिश्चितहै ।</p>
10	24 to 29 June 2024	संचयन - 1. हरिहर काका	<p>1.पारिवारिकएवं सामाजिक संबंधों में व्याप्त स्वार्थलोलुपता की भावना को उजागर करके मनुष्यों के पतन को दर्शाना ।</p> <p>2. धन संपत्ति के लोभ के लिए करीबी सम्बन्धियों के दुश्मन बन जाने को प्रदर्शित करना ।</p> <p>3. धर्म की आड़ में धर्माधिकारी द्वारा समाज का ठेकेदार बन जाने को प्रदर्शित करना ।</p> <p>बहुविध आकलन (1) परियोजना कार्य विषय संवर्धन गतिविधि (1) श्रवण + गद्य वाचन विशेष - उपरोक्त गतिविधियाँ अगले कुछ सप्ताह तकजारी रहेंगी।</p>	<p>विद्यार्थी</p> <p>1.समाज में एकाकी जीवन व्यतीत करने वाले व्यक्ति की मनोस्थिति समझपाएंगे।</p> <p>2.अपनी संपत्ति का अधिकार जीते जी किसी को नहीं देना चाहिए यह समझेंगे।</p> <p>3.समाज में रिशतोंका महत्त्व कभी कमनहीं होना चाहिए चाहे कितना ही धन कमा लें यह समझेंगे ।</p>

11	01 - 06 July 2024	संचयन - 1. हरिहर काका निरंतर.....	निरंतर 1.पारिवारिकएवं सामाजिक संबंधों में व्याप्त स्वार्थ लोलुपता की भावना को उजागर करके मनुष्यों के पतन को दर्शाना 2. धन संपत्ति के लोभ के लिए करीबी सम्बन्धियों के दुश्मन बन जाने को प्रदर्शित करना 3. धर्म की आड़ में धर्माधिकारी द्वारा समाज का ठेकेदार बन जाने को प्रदर्शित करना	विद्यार्थी 1.समाज में एकाकी जीवन व्यतीत करने वाले व्यक्ति की मनोस्थिति समझपाएंगे। 2.अपनी संपत्ति का अधिकार जीते जी किसी को नहीं देना चाहिए यह समझेंगे। 3.समाज में रिश्तोंका महत्त्व कभी कमनहीं होना चाहिए चाहे कितना ही धन कमा लें यह समझेंगे
12	08 to 11 July 2024	पुनरावृत्ति	पुनरावृत्ति	
13	12 to 22 July 2024 + PA 1	गद्य - 4.तीसरी कसम के शिल्पकार शैलेन्द्र	1. कहानी के माध्यमसेफिल्मोंकी मनोरंजक शैली से परिचितकरना 2.भारतीय सिनेमा की सर्वश्रेष्ठ फिल्मों में शुमार तीसरी कसम केनिर्माण की यथार्थता से परिचितकराना 3.शैलेन्द्र की फिल्म के असफल होने के कारणों पर विचार करना 4. स्वान्तः सुखाय का महत्त्व समझने में समर्थ होंगे	विद्यार्थी 1.पहले व वर्तमान की फिल्मों का तुलनात्मक अध्ययन करना सीखेंगे 2.निर्देशक शैलेन्द्र की फिल्म "तीसरी कसम"के निर्माण के समय आने वाली चुनौतियों को समझने में समर्थहोंगे 3.फिल्म की पटकथा व गीत संगीत परिचित होंगे
14	23 to 27 July 2024	गद्य - 4.तीसरी कसम के शिल्पकार शैलेन्द्र	1. कहानी के माध्यमसेफिल्मोंकी मनोरंजक शैली से परिचितकरना 2.भारतीय सिनेमा की सर्वश्रेष्ठ फिल्मों में शुमार तीसरी कसम केनिर्माण की यथार्थता से परिचितकराना 3.शैलेन्द्र की फिल्म के असफल होने के कारणों पर विचार करना 4. स्वान्तः सुखाय का महत्त्व समझने में समर्थ होंगे	विद्यार्थी 1.पहले व वर्तमान की फिल्मों का तुलनात्मक अध्ययन करना सीखेंगे 2.निर्देशक शैलेन्द्र की फिल्म "तीसरी कसम"के निर्माण के समय आने वाली चुनौतियोंको समझने में समर्थहोंगे 3.फिल्म की पटकथा व गीत संगीत परिचित होंगे
15	29 July to 03 Aug 2024	पद्य - 5.पर्वत प्रदेश में पावस + व्याकरण 3.पदबंध	विद्यार्थी 1.वर्षाऋतु में पहाड़ों के असीम सौंदर्य से परिचितकराना। 2. चित्रात्मक शैली का ज्ञान कराना 3. मानवीकरण अलंकार का स्वाभाविक प्रयोग करना 4. प्रकृति संरक्षण के महत्त्व से परिचय ----- 1.विद्यार्थी व्याकरण सम्बन्धी नियमोंकाज्ञान प्राप्त करेंगे 2. विद्यार्थी पदबंध व उसके भेदों की परिभाषाउदाहरण सहित	विद्यार्थी 1.वर्षा ऋतु के सौंदर्य से भिन्न हो पाएंगे। 2.कविता द्वारा मानवीकरण अलंकार का एक सुंदर उदाहरणजिसमेंप्रकृति को मानव की तरह व्यवहार करते हुए दिखाया गया है समझपाएंगे। ----- 1.पदबंधद्वारा वाक्य को स्पष्टसार्थकऔर प्रभावकारी बनाना

			जान सकेंगे	सीखेंगे।
16	05 to 10 Aug 2024	गद्य- 6. अब कहाँ दूसरे के दुःख से दुखी होने वाले	<ol style="list-style-type: none"> 1. प्रकृति संरक्षण आज की आवश्यकता है ,यह समझाना 2. विद्यार्थियों को पर्यावरण के महत्त्व को समझाते हुए व्यक्तिगत व्देश की स्वच्छता के लिए प्रेरित करना 3. मनुष्य द्वारा जीव मात्र के प्रति प्रेम, दया/सहानुभूति, उदारता आदि की भावना रखने पर जोर देना 4. पृथ्वी पर रहने वाले सभी जीवों का पृथ्वी पर अधिकार होने कीवकालत करना 	विद्यार्थी <ol style="list-style-type: none"> 1. प्रकृति के बिना मनुष्य अधूरा है यह जान पाएंगे। 2. पशु पक्षी पेड़ प्रकृति के अभिन्न अंग है एवं हमें उनकी रक्षा करनी चाहिए यह सीखेंगे। 3. इस धरती पर सब की बराबरी की हिस्सेदारी है यह समझ पाएंगे। 4. आधुनिक युग में प्रकृति की दशा पर अपने विचार व्यक्त कर पाएंगे
17	12 to 17 Aug 2024	पद्य- 4. मनुष्यता	<ol style="list-style-type: none"> 1. परोपकार और विश्वबंधुत्व की भावना को आत्मसात करनेमें सक्षम होंगे 2. पठित पदों के माध्यम से दूसरों के हितचिंतन को सर्वोपरि माननेकी भावना का विकास होगा 3. कविता में आए कठिन शब्दों के अर्थ जान पाएंगे , जैसे सुमृत्यु, अमर्त्य-अंक आदि 	विद्यार्थी <ol style="list-style-type: none"> 1. परोपकार और विश्व बंधुत्व की भावना को आत्मसात करने में सक्षम होंगे 2. दूसरों के हित चिंतन को सर्वोपरि मानने की भावना का विकास होगा
18	19 to 24 August 2024	संचयन 2. सपनों के-से दिन	<ol style="list-style-type: none"> 1. शिक्षापद्धति में बल मनोविज्ञान का महत्त्व बताना 2. बचपन के दिनों को याद करने के बहाने सामाजिक मूल्योंकी समझ विकसित करना 3. शिक्षा-पद्धति के अंतर्गत पढाई के साथ-साथ खेल को भी महत्त्व देने की पैरवी करना 4. निम्नवर्गीय परिवार की अभिभावकों को बच्चों की पढाई के महत्त्व को समझाने की कोशिश करना 	विद्यार्थी <ol style="list-style-type: none"> 1. शिक्षकों द्वारा विद्यालय में की गई सख्ती हर विद्यार्थी के भविष्य का नींवका पत्थर साबित होती है, समझेंगे 2. हमारी भाषा, बोली, जाति भले हीभिन्नहोपर कभी दोस्ती में बाधा नहीं बन सकती यह समझेंगे। 3. छात्रों को खेलकूद और पढाई में संतुलन बनाकर रखना चाहिए ताकि शिक्षा केप्रति अरुचि पैदा न हो, यह समझेंगे।
19	26 to 31 August 2024	गद्य 7. पतझड़ में टूटी पत्तियाँ (1. गिन्नी का सोना)	<ol style="list-style-type: none"> 1. निस्वार्थभाव से मानवता की सेवा करने पर जोर देना 2. व्यावहारिकता के साथ-साथ आदर्शवादिता की अपरिहार्यताको समझना 3. जीवन में व्यावहारिकता एवं आदर्शवादिता को मिलकर गाँधीजीकी तरह चलने की सीख देना 	विद्यार्थी <ol style="list-style-type: none"> 1. व्यवहारवाद की उपयोगिता समझेंगे 2. आदर्श और व्यावहारिकता को मिलाकर जीवन जीना सीखेंगे

20	2 to 7 Sept 2024	निरंतर..... गद्य 7. पतझड़ में टूटी पत्तियाँ (1.गिन्नी का सोना)	1.निस्वार्थभाव से मानवता की सेवा करने पर जोर देना । 2. व्यावहारिकता के साथ-साथ आदर्शवादिता की अपरिहार्यताको समझना । 3. जीवन में व्यावहारिकता एवं आदर्शवादिता को मिलकर गाँधीजीकी तरह चलने की सीख देना ।	विद्यार्थी 1.व्यवहारवाद की उपयोगिता समझेंगे । 2.आदर्श और व्यावहारिकता को मिलाकर जीवन जीना सीखेंगे
21	09 to 16 Sept 2024	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
22	18 to 30 Sept 2024	Term 1/Test II exam	Term 1/Test II exam	
23	01 to 10 OCT. 2024	गद्य 7. पतझड़ में टूटी पत्तियाँ (2.झेन की देन) ----- 4.रचना के आधार पर वाक्यरूपांतरण	1.आजकी भाग-दौड़ भरी ज़िन्दगी में मनुष्यता सम्बन्धी मूल्यों को बचाए रखने की आवश्यकता को समझना । 2. जीवन में शांति एवं स्थिरता की आवश्यकता को समझना । 3. मनुष्य को मशीन बनने से रोकना । ----- 1.वाक्य की परिभाषा तथा इसके अंगों को जानना । 2.रचना के आधार पर वाक्य के भेद जानना । 3.मुख्य और आश्रित उपवाक्यों को पहचानना सीखना ।	विद्यार्थी 1.जापान की टी सेरेमनी का ज्ञान प्राप्त होगा । 2.जापान की 'टी सेरेमनी' 'चा-नो-यू' के द्वारा मानसिक तनाव कैसे दूर होता है यह जान पाएंगे। 3.बौद्ध दर्शन में प्रचलित ध्यान की पद्धति के विषय में जान पाएंगे। ----- 1.वाक्य का अर्थ, परिभाषा व भेदों के विषय में जानकारी प्राप्त करेंगे। 2.पाठ्यपुस्तक में प्रयुक्त वाक्यों का रूपांतरण सीखेंगे ।
24	11 to 12 Oct. 2024		Dussehra Holiday	
25	14 to 19 Oct. 2024	रचनात्मक लेखन 4.सूचना लेखन	1.किसी भी प्रकार की सूचना देने के तरीके को सीखना । 2.सही तरीके से अपनी बातों को अभिव्यक्त करने की क्षमता को विकसित करना।	विद्यार्थी 1.सूचना लेखन की कला सीखेंगे। 2.कम शब्दों में प्रभावशाली लेखन सीखेंगे।

26	21 to 28 Oct 2024	गद्य 8. कारतूस	<p>1. भारत के इतिहासके जांबाजों सेविद्यार्थियों का परिचित होना </p> <p>2. मनुष्य के व्यक्तित्व को वज़ीर अली जैसा निडर एवं जिंदादिल बनाने की प्रेरणा देना </p> <p>3. शोषण, अत्याचार तथा घृणा करने वालों के मन में खौफ पैदा करना </p> <p>बहुविध आकलन (2) तात्कालिक भाषण, विषय संवर्धन(2) श्रवण + कविता पाठ विशेष -उपरोक्त गतिविधियाँ अगले कुछ सप्ताह तक जारी रहेंगी।</p>	<p>विद्यार्थी</p> <p>1. जांबाज क्रांतिकारी वज़ीर अली के बारे में जान पाएंगे।</p> <p>2. स्वार्थी लोगों की वजह से ही हमारे देश को गुलामी की जंजीरों में जकड़ना पड़ा, जान पाएंगे।</p> <p>3. देश हित में कुर्बान तक हो जाना चाहिए सीखेंगे।</p>
27	29 to 2 Nov 2024		Diwali Holidays	
28	04 Nov to 9 Nov 2024	पद्य 8. कर चले हम फ़िदा	<p>1. भारत-चीन युद्ध (१९६२) की पृष्ठ भूमि में रचित प्रसिद्ध शायर कैफ़ी आज़मी के इस गीत द्वारा सीमा पर लड़ने वाले भारतीय सैनिकों के उत्साह एवं बहादुरी को जानना।</p> <p>2. देश की सीमा की रक्षा करने वाले सैनिकों की इस अभिलाषा को समझना कि देश के सम्मान को बनाये रखने के लिए अपने प्राणों का उत्सर्ग करने के लिए देशवासियों का तैयार रहना चाहिए।</p>	<p>विद्यार्थी</p> <p>1. जन्म भूमि की रक्षा माता की रक्षा के समान है यह समझ पाएंगे।</p> <p>2. देश की रक्षा का भाव जागृत कर पाएंगे और सेनानियों के बलिदान से प्राप्त आजादी का मूल्य समझ पाएंगे।</p>
29	11 to 16 Nov 2024	पद्य 9. आत्मत्राण संचयन 3. टोपी शुक्ला	<p>1. विश्वविख्यात कवि गुरुदेव रवीन्द्रनाथ ठाकुर रचित 'आत्मत्राण' कविता के माध्यम से मनुष्य को निरीह प्राणी बनने से रोकना।</p> <p>2. ईश्वर से समस्या-समाधान की याचना नहीं करना, बल्कि आत्मबल बढ़ाने की माँग करना।</p> <p>3. साहस के साथ आने वाली कठिनाइयों का सामना करने की शक्ति देना।</p> <p>-----</p> <p>1. टोपी शुक्ला तथा इफ्फन की दोस्ती के माध्यम से समाज में साम्प्रदायिक सौहार्द बढ़ने पर जोर देना।</p> <p>2. बचपन की भोली एवं निष्कलुष भावना को समझने एवं उसे बढ़ावा देने की ज़रूरत पर जोर देना।</p> <p>3. पढाई में कमज़ोर बच्चे के प्रति परिवार एवं विद्यालय के</p>	<p>विद्यार्थी</p> <p>1. अपनी सहायता स्वयं करना सीखेंगे।</p> <p>2. ईश्वर से समस्या समाधान की याचना न करना बल्कि आत्मबल की माँग करना सीखेंगे।</p> <p>-----</p> <p>1. समझेंगे कि मजहब नहीं सिखाता आपस में बैर रखना।</p> <p>2. सच्ची दोस्ती जाति, धर्म या उम्र के अंतर को नहीं मानती यह समझेंगे।</p> <p>3. जो व्यक्ति निराशा और हताशा में घिरा हो उसे सहानुभूति और सांत्वना की आवश्यकता होती है यह समझेंगे।</p> <p>4. भावनाएं सबके दिल में एक जैसी होती हैं, चाहे व्यक्ति किसी भी जाति धर्म से संबंध रखता हो।</p>

			सदस्यों की भावनाओं को अधिक उदार बनाने पर जोर देना	
30	18 to 23 Nov 2024	3. टोपी शुक्ला (निरंतर)	<p>1. टोपी शुक्ला तथा इफ्फन की दोस्ती के माध्यम से समाज में साम्प्रदायिक सौहार्द बढ़ने पर जोर देना </p> <p>2. बचपन की भोली एवं निष्कलुष भावना को समझने एवं उसे बढ़ावा देने की जरूरत पर जोर देना </p> <p>3. पढाई में कमजोर बच्चों के प्रति परिवार एवं विद्यालय के सदस्यों की भावनाओं को अधिक उदार बनाने पर जोर देना </p>	<p>विद्यार्थी</p> <p>1. समझेंगे कि मजहब नहीं सिखाता आपस में बैर रखना </p> <p>2. सच्ची दोस्ती जाति, धर्म या उम्र के अंतर को नहीं मानती यह समझेंगे।</p> <p>3. जो व्यक्ति निराशा और हताशा में घिरा हो उसे सहानुभूति और सांत्वना की आवश्यकता होती है यह समझेंगे।</p> <p>4. भावनाएं सबके दिल में एक जैसी होती हैं, चाहे व्यक्ति किसी भी जाति धर्म से संबंध रखता हो </p>
31	25 to 30 Nov 2024	<p>रचनात्मक लेखन</p> <p>5. लघु कथा</p> <p>6. ई-मेल -लेखन</p>	<p>1. साहित्य की लोकप्रिय विधा से परिचित करना </p> <p>2. आस-पास की वास्तविक घटनाओं से प्रेरणा लेकर लेखन करना </p> <p>3. शीर्षक के अनुसार कथा लिखना </p> <p>-----</p> <p>1. इंटरनेट के माध्यम से कम्प्यूटर या अन्य उपकरण से पत्र भेजने का तरीका सिखाना </p> <p>2. सरल, शिष्ट तथा बोधगम्य भाषा का प्रयोग करना </p> <p>3. विविध विषयों पर औपचारिक ई-मेल लेखन सिखाना </p>	<p>विद्यार्थी</p> <p>1. लघु कथा लेखन की कला सीखेंगे।</p> <p>2. सीमित शब्दों में गहन अभिव्यंजना सीखेंगे।</p> <p>3. अपनी कल्पना को अभिव्यक्त करना सीखेंगे </p> <p>4. गागर में सागर भरने की कला सीखेंगे </p> <p>-----</p> <p>1. ई-मेल लेखन की कला सीखेंगे </p> <p>2. संक्षिप्त आकार, किन्तु विषयगत सम्पूर्ण जानकारी देना सीखेंगे </p> <p>3. कार्यालयी/व्यावहारिक शिष्टाचार औपचारिकताओं का निर्वाह करना सीखेंगे </p>
32	2 to 4 Dec 2024	पाठ्यक्रम समाप्त	<p>पुनरावृत्ति</p> <p>बहुविध आकलन (3)</p> <p>विज्ञापन प्रस्तुति</p> <p>विषय संवर्धन (3),</p> <p>साक्षात्कार</p> <p>विशेष- उपरोक्त गतिविधियाँ अगले कुछ सप्ताह तक जारी रहेंगी।</p>	पुनरावृत्ति
33	5 to 17 Dec 2024		P A III	

34	18 Dec to 21 Dec 2024		पुनरावृत्ति	
35	23 Dec to 28 Dec 2024			
36	02 Jan to 04 Jan 2025			
37	06 Jan to 13 Jan 2025			
38	16 Jan to 27 Jan 2025		PRE BOARD II	

Subject:-Mathematics

Book Followed:- NCERT EXAMPLER, S.CHAND, SAMPLE PAPERS

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	Real numbers 1. LCM and HCF of the pair of numbers and to verify the formula 2. HCF using Euclid's division lemma, 3. Relation between HCF and LCM	To Enable Students to 1. Find LCM and HCF of the pair of numbers and to verify the formula 2. HCF using Euclid's division lemma. 3. Relation between HCF and LCM 4. Euclid's division algorithm and fundamental theorem of arithmetic. 5. Irrational numbers and its decimal expansion. Activity on 1. Euclid's division Lemma and their HCF 2. Activity on H.C.F and L.C.M N.C.E.R.T	Student will be able to 1. Find HCF and LCM and they will develop logical thinking and decision making skills.
2	11 to 16 March 2024	Real numbers 4. Euclid's division algorithm and fundamental theorem of arithmetic 5. Irrational numbers and its decimal expansion.	To Enable Students to 6. Through the problems on HCF and LCM they will develop logical thinking and decision making skills. 7. Through decimal expansion of real numbers they will learn to visualize and predict the behavior of the number.	Student will be able to 1. Find decimal expansion of real numbers they will learn to visualize and predict the behavior of the number
3	18 to 23 March 2024	Polynomials 1. To tell the possible number of zeroes for a given polynomial. 2. To understand and verify the relationship between Zeroes and coefficients of a Polynomial 3. To understand the geometrical meaning of zeroes and to read zeroes of a polynomial from given graph 4. To find the polynomial when zeroes are known	To Enable Students 1. To tell the possible number of zeroes for a given polynomial. 2. To find zeros of linear, quadratic and cubic polynomial algebraically. 3. To understand and verify the relationship between Zeroes and coefficients of a polynomial 4. To understand the geometrical meaning of zeroes and to read zeroes of a polynomial from given graph. 5. To find the polynomial when zeroes are known.	Students will be able to 1. Use concepts in physics to measure of acceleration or to express energy and to understand projectile motion.

4	25 to 30 March 2024	Polynomials 5. To divide a polynomial of higher order by a polynomial of equal or lower order. 6. To express the division of two polynomials using division algorithm. 7. To find the remaining zeroes of the given polynomial	To Enable Students 6. To divide a polynomial of higher order by a polynomial of equal or lower order. 7. To express the division of two polynomials using division algorithm. 8. To find the remaining zeroes of the given polynomial 9. To learn in physics to measure of acceleration or to express energy and to understand projectile motion. 10. To understand where the curve will change its direction	Students will be able to 2. To understand where the curve will change its direction
5	1 to 6 April 2024	Pair of Linear equations in two variables 1. Generate linear equation from word problem. 2. Verify that given system of linear equation consistent or inconsistent 3. Understand the concept of pair of linear equations and it's reducible form (simultaneous equation).	To Enable Students to 1. Generate linear equation from word problem. 2. Verify that given system of linear equation consistent or inconsistent 3. Understand the concept of pair of linear equations and it's reducible form (simultaneous equation). ACTIVITY To obtain the conditions for consistency or inconsistency of given pairs of linear equations in two variables by graphical method.	Students will be able to 1. Understand if two unknown quantities are to be evaluated then we necessarily need to have two conditions/ criteria related to them 2.They can formulate the pair of equations in two variables and consequently solve them.
6	8-13 April 2024	Pair of Linear equations in two variables 4. Form equations and solve them graphically and algebraically. 5. Plot the lines representing the linear equations of given system on same plane.	To Enable Students to 4. Form equations and solve them graphically and algebraically. 5. Plot the lines representing the linear equations of given system on same plane. 6. Understand that If two unknown quantities are to be evaluated then we necessarily need to have two conditions/ criteria related to them	Student will be able to 3.Formulate the pair of equations in two variables and consequently solve them. for example situations based on Measurements, angles of polygon, Cost of articles, Profit loss, discount , speed distance, time and work, height and distance and financial budget.
7	15 to 20 April 2024	Quadratic Equations 1. Define quadratic equation. 2. Give/ Check the Standard Form of a Quadratic Equation 3. Understand and apply the concept of quadratic equation in daily life.	To Enable Students to 1. Define quadratic equation. 2. Give/ Check the Standard Form of a Quadratic Equation 3. Understand and apply the concept of quadratic equation in daily life.	Students will be able to: 1. Practice of topics of quadratic equation helps students to think logically.

8	22 to 30 April 2024	<p>Arithmetic Progression</p> <p>1 Understand the concepts of given pattern as sequence</p> <p>2 Identify if a given series of numbers form an arithmetic progression or AP</p> <p>3 Find the first term and the common difference of a given AP.</p>	<p>To Enable Students to</p> <p>1 Understand the concepts of given pattern as sequence</p> <p>2 Identify if a given series of numbers form an arithmetic progression or AP.</p> <p>3 Find the first term and the common difference of a given AP.</p> <p>4 Understand the general term of an A.P.</p> <p>5 Write the specified term of an A.P. when a, n and d are known.</p>	<p>Students will be able to</p> <p>1. Visualize and create various patterns.</p>
9	15 to 22 June 2024	<p>Arithmetic Progression</p> <p>4 Understand the general term of an A.P</p> <p>5 Write the specified term of an A.P. when a, n and d are known</p> <p>6 Derive the formula for the sum of the first n terms of an AP</p> <p>7 Apply the formula to find the sum of the first n terms of an AP.</p>	<p>To Enable Students to</p> <p>6 Derive the formula for the sum of the first n terms of an AP.</p> <p>7 Apply the formula to find the sum of the first n terms of an AP.</p> <p>8 Represent situations from daily life by using progressions.</p>	<p>Students will be able to:</p> <p>2. Calculate the amount he'll receive on a particular sum after n number of years. They will develop estimation.</p>
10	24 - 29 June 2024	<p>Similar Triangles</p> <p>1. Define Similarity and its Criteria.</p> <p>2. Differentiate between congruency and similarity.</p> <p>3. State and prove Basic Proportionality theorem.</p>	<p>To Enable Students to</p> <p>1. Define Similarity and its Criteria</p> <p>2. Differentiate between congruency and similarity. State and prove Basic Proportionality theorem</p> <p>ACTIVITY</p> <p>Verification of BPT</p>	<p>Students will be able to</p> <p>1. Visualize and apply Reasoning.</p>
11	1 to 6 July 2024	<p>Coordinate Geometry</p> <p>1. Concept of Cartesian geometry</p> <p>2. Distance between two points</p>	<p>To Enable Students to</p> <p>1. Concept of Cartesian geometry</p> <p>2. Distance between two points</p> <p>3. Section formula</p>	<p>Students will be able to:</p> <p>1. Attain Rational thinking</p> <p>2. Attain Logical Thinking</p>
12	8 to 11 July 2024		REVISION PA 1	
13	12 to 22 July 2024		PA 1	

14	23 to 27 July 2024	Coordinate Geometry 3. Section formula 4. Area of triangle 5. Area of quadrilateral	To Enable Students to 4. Area of triangle 5. Area of quadrilateral 6. Rational thinking 7. Logical Thinking 8. Appreciate different approach for plane geometry	Students will be able to: 3. Appreciate different approach for plane geometry
15	29 to 3 August 2024	Introduction to Trigonometry 1. T-Ratios 2. Values of T-Ratios for some specific angles (0,30,45,60,90 degree)	To Enable Students to 1. Understand the concept of trigonometry 2. Understand and apply trigonometric ratios of some specific angles	Students will be able to: 1. Application of trigonometric ratios in a right triangle
16	5 to 10 Aug 2024	Introduction to Trigonometry 3. Trigonometric Identities 4. Applications of Trigonometric Identities	To Enable Students to 3. To apply trigonometric ratios of complementary angles and trigonometric identities ACTIVITY To verify T ratio for a particular angle in different triangle	Students will be able to: 2. Use of trigonometric identities to prove other trigonometric identities
17	12 to 17 August 2024	Height and Distance 1. Line of sight 2. Angle of elevation 3. Angle of depression 4. Heights and distances of objects using T –Ratios	To Enable Students to 1. Apply Line of sight 2. Angle of elevation 3. Angle of depression 4. To analyze and visualize the given situation 5. To draw the appropriate diagram	Students will be able to: 1. Calculate the heights and the lengths of objects (Like – Tree, Pole, Water tank, building etc.)
18	19 to 24 August 2024	Height and Distance 1. Line of sight 2. Angle of elevation 3. Angle of depression 4. Heights and distances of objects using T –Ratios	To Enable Students to 6. To apply T – Ratios from the diagram 7. To calculate the heights/distances of the given objects 8. To decide (measure accurately) the angles by using clinometers 9. Team spirit & Estimation	Students will be able to: 2. Team spirit (By using clinometers Activity)

19	26 to 31 August 2024	<p>Circles 1. Meaning of circle and various terms such as chord, diameter, centre, circumference, segment, sector etc, Apply chord properties for proof of further theorems in circles. 2. Define a tangent and recognize that a tangent is perpendicular to the radius of the circle at the point of tangency. 3. Explain there is only one tangent at a point of the circle. 4. Define the point of contact of tangent</p>	<p>To Enable Students to 1. Define Meaning of circle and various terms such as chord, diameter, centre, circumference, segment and sector etc, Apply chord properties for proof of further theorems in circles. 2. Define a tangent and recognize that a tangent is perpendicular to the radius of the circle at the point of tangency. 3. Explain there is only one tangent at a point of the circle. 4. Define the point of contact of tangent 5. Understand and Prove that two tangent to a circle from a common point outside the circle are equal. 6. Prove that the line joining the external points to the centre of the circle bisect the angle between the tangents. 7. Explore properties of tangent and how they differ from secant. ACTIVITY To verify for lengths of tangents to a circle</p>	<p>Students will be able to: 1. Getting the concept of tangents student will think critically the application of these properties in their day day life like a) In determining the best position a soccer player should be when parallel to the sidelines, to score a goal. b) Rotation of wheels on road.</p>
20	2 to 7 Sept.2024	Revision		
	18 - 30 Sept. 2024	Term 1 Examination		
21	1 to 10 Oct 2024			
22	11 and 12 Oct	Dussehra Holidays		
23	14 to 19 Oct 2024	<p>Circles 5. Understand and Prove that two tangent to a circle from a common point outside the circle are equal. 6. Prove that the line joining the external points to the centre of the circle bisect the angle between the tangents. 7. Explore properties of tangent and how they differ from secant. 8. Conceptualize that tangent to a circle is a special case of the secant, when the two end points of its corresponding chord coincides.</p>	<p>8. Conceptualize that tangent to a circle is a special case of the secant, when the two end points of its corresponding chord coincides. 9. After getting the concept of tangents student will think critically the application of these properties in their day to day life like 10. In determining the best position a soccer player should be when parallel to the sidelines, to score a goal. 11. Rotation of wheels on road. 12. In building infrastructure roads sidewalls pipe runs it is very important to know where a point of tangent begins and the curve ends. 13. Tangent to a curve is used for finding instantaneous velocity in physics</p>	<p>c) In building infrastructure roads sidewalls pipe runs it is very important to know where a point of tangent begins and the curve ends. d) Tangent to a curve is used for finding instantaneous velocity in physics</p>

24	21 to 28 Oct. 2024	Area Related to Circles 1. Find the perimeter and area of a circle. 2. Find the length of an arc of a sector. 3. Understand and apply the formula for finding area of a sector. 4. Understand and apply the formula for finding area of a segment. 5. Find the areas of combination of plane figures.	To Enable Students to 1. Find the perimeter and area of a circle. 2. Find the length of an arc of a sector. 3. Understand and apply the formula for finding area of a sector. 4. Understand and apply the formula for finding area of a segment. 4. Understand and apply the formula for finding area of a segment. 5. Find the areas of combination of plane figures.	Students will be able to: Use concept studied in day to day life situation like: - Slice a circular pizza base, cakes etc. Use concept studied in day to day life situation like: - Slice a circular pizza base, cakes etc.
25	29 Oct to 2 Nov 2024 Diwali holidays			
26	4 to 9 Nov 2024	Surface Area and Volume 1. Learn the concepts of surface areas and volumes of solid shapes. 2. Identify situations where there is a need of finding surface area and where there is a need of finding volume of a solid figure. 3. Find the surface areas of cuboids, cubes, cylinders, cones spheres and hemispheres, using their respective formulae.	To Enable Students to 1. Learn the concepts of surface areas and volumes of solid shapes. 2. Identify situations where there is a need of finding surface area and where there is a need of finding volume of a solid figure. 3. Find the surface areas of cuboids, cubes, cylinders, cones spheres and hemispheres, using their respective formulae. ACTIVITY To find SA and volumes of a model prepared by students.	Students will be able to: 1. To use concrete models to derive formula for finding perimeter, area, surface area and volume of 2-D and 3-D shapes.
27	11 to 16Nov.2024	Surface Area and Volume 4. Find the volumes of cuboids, cubes, cylinders, cones, spheres and hemispheres using their respective formulae. 5. Find the surface area and volume of the combination of solids. 6. Explain that when a solid is converted to another solid or multiple solids, either of the same or different shapes, the surface area changes but the volume remains constant	To Enable Students to 4. Find the volumes of cuboids, cubes, cylinders, cones, spheres and hemispheres using their respective formulae. 5. Find the surface area and volume of the combination of solids. 6. Explain that when a solid is converted to another solid or multiple solids, either of the same or different shapes, the surface area changes but the volume remains constant	Students will be able to: 2. Use engineering volume and area are very important without volume we can't figure out density or capacity

28	18 to 23 Nov. 2024	Statistics 1. Calculate the mean, median and mode of ungrouped data 2. Calculate the mean of the grouped data using direct method, assumed mean method and step deviation method. 3. Calculate the mode of grouped data. 4. Find the median of ungrouped data with odd number of observation.	Students would be able to, 1. Calculate the mean, median and mode of ungrouped data 2. Calculate the mean of the grouped data using direct method, assumed mean method and step deviation method. 3. Calculate the mode of grouped data. 4. Find the median of ungrouped data with odd number of observation. ACTIVITY Finding mean, mode and median of heights and weights of student of the class	Students will be able to: 1. Calculate the average performance of class on the basis of CGPA scored last year (application of mode)
29	25 to 30 Nov. 2024	Probability 1. Calculate the probability of an event 2. Describe the terms equally likely outcomes, elementary event, complement of an event, sure event and impossible event	To Enable Students to 1. Calculate the probability of an event. 2. Describe the terms equally likely outcomes, elementary event, complement of an event, sure event and impossible event. 3. After completion of the topic students will be able to use and apply concept in day to day life situations like: 4. Probability is used in various occupations such as healthcare insurance, Insurance companies uses this to decide on financial policies 5. It is widely used in the study of Mathematics, Statistics, Gambling, Physical sciences, Biological sciences, advertising, farming and weather forecasting. 6. Role of probability in cricket match .For example, the toss of a coin between the captains to decide which team would bat/ball first.	Students will be able to: Apply concept in day to day life situations like: 1. Probability is used in various occupations such as healthcare insurance, Insurance companies uses this to decide on financial policies 2. It is widely used in the study of Mathematics, Statistics, Gambling, Physical sciences, Biological sciences, advertising, farming and weather forecasting. 3. Role of probability in cricket match .For example, the toss of a coin between the captains to decide which team would bat/ball first.
30	2 to 4 Dec 2024	Revision		
	5 to 17 Dec. 2024	Pre-Board I		
31	18 to 21 Dec 2024	Revision		
32	23 to 28 Dec 2024	Revision		
33	2 to 4 Jan 2025	Revision		
34	6 to 13 Jan 2025	Revision		
35	16 to 27 Jan 2025	Pre Board II		

Subject:-Science

Book Followed:- NCERT, S CHAND

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Understand life processes-nutrition, nutrition in green plants, autotrophic (photoautotrophic and chemotropic)andheterotrophic (saprophytic, parasitic and holozoic)</p> <p>2)Understand Chemical equation</p> <p>3) Define reflection</p> <p>4) State laws of reflection</p> <p>5) Differentiate between types of reflection</p> <p>6) Differentiate between real and virtual image.</p>	<p>Students will be able to</p> <p>1) Illustrate Nutrition in animals.</p> <p>2) Express a chemical reaction through a chemical equation.</p> <p>3) Demonstrate reflection</p> <p>4) Analyze laws of reflection</p> <p>5) Classify types of reflection</p> <p>6) Prove laws of reflection of light</p>
2	11 to 16 March 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions Practical 1</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Photosynthesis, site of photosynthesis-chloroplasts.raw materials for photosynthesis, conditions necessary for photosynthesis, events in photosynthesis, opening and closing of stomata.</p> <p>2)Understand Balancing chemical equations.</p> <p>3) Define terms related to spherical mirror.</p> <p>4) Understand the application of spherical mirrors and state its uses.</p> <p>Activity- Various spherical mirrors will be shown and how they are different than plane mirrors will be discussed. Concept of image formation will be introduced.</p>	<p>Student will be able to</p> <p>1)Perform activities-To demonstrate that light is necessary for photosynthesis.To demonstrate that chlorophyll is essential for photosynthesis</p> <p>2) Analyze and differentiate between various types of chemical reactions.</p> <p>3) Assess the application of spherical mirrors and state its uses.</p> <p>4) Compare types of spherical mirrors and the important terms related to them.</p>

3	18 to 23 March 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Photosynthesis, site of photosynthesis-chloroplasts.raw materials for photosynthesis, conditions necessary for photosynthesis, events in photosynthesis, opening and closing of stomata. 2) Understand Balancing chemical equations. 3) Comprehend the rules of reflection by concave and convex mirrors. 4) Apply the rules of reflection to make images for the various positions of the object in front of a concave and convex mirror. 	<p>Students will be able to</p> <ol style="list-style-type: none"> 1) Perform activities-To demonstrate that light is necessary for photosynthesis. 2) Demonstrate that chlorophyll is essential for photosynthesis. 3) Explain redox reactions by identifying oxidizing and reducing agents. 4) Apply the rules of reflection to make images for the various positions of the object in front of a concave and convex mirror. 5) Sketch ray diagrams for different position of objects for concave and convex mirror.
4	25 to 30 March 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Mechanism of photosynthesis-light and dark reaction. 2) Implications of a balanced chemical equation. 3) Apply sign convention and use the mirror formula and magnification formula to calculate the image position and size. 	<p>Students will be able to</p> <ol style="list-style-type: none"> 1) Prepare slide of stomata 2) provides examples for different types of reactions. 3) Illustrate sign convention and use the mirror formula and magnification formula to calculate the image position and size. 4) Solve numerical problems based on mirror formula <p>Activity- To find the rough focal length of a concave mirror</p>
5	1 to 6 April 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Understand nutrition in animals-human beings. 2) Categorize chemical reactions- Combination, decomposition. 3) Define refraction 4) State laws of refraction 5) State causes for refraction 	<p>students will be able to</p> <ol style="list-style-type: none"> 1) Sketch the process of digestion in alimentary canal and assimilation of digested food 2) Cite examples of oxidation in day to day life 3) Assess the concept of refraction to day today life for e.g. twinkling of stars, apparent bending of straw/ spoon when kept in glass filled with water etc. 4) Analyze that the bending ability of light depends on the mediums.

6	8 to 13 April 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-1. Chemical equations and reactions</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Respiration-steps, types-aerobic and anaerobic.</p> <p>2) Identify displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction.</p> <p>Activity- To prove that carbon dioxide is released during respiration. To categorize chemical reactions (video is to be made by the group of students)</p> <p>3) Define and calculate refractive index 4) State factors affecting refractive index</p>	<p>Students will be able to</p> <p>1) Differentiate between aerobic and anaerobic respiration</p> <p>2) Define corrosion and rancidity and suggest ways to prevent them</p> <p>3) Assess concept of refractive index and will be able to solve numerical problems based on refractive index</p>
7	15 to 20 April 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Practical 2</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Respiration in plants, respiration and photosynthesis (a comparative study)</p> <p>2) Practical</p> <p>3) Understand the types of lens and the important terms related to them.</p> <p>4) Comprehend the rules of refraction and image formation by concave and convex lens.</p>	<p>Students will be able to</p> <p>1) Analyze types of respiration in animals and respiratory organs</p> <p>2) Apply the rules of refraction and sketch image formation by concave and convex lens.</p>
8	22 to 30 April 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-2. Acids, Bases and Salts</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Respiration in human beings and major organs, mechanism of breathing</p> <p>2) Define Acid and base : definitions in terms of furnishing of H^+ and OH^- ions,</p> <p>3) Apply the rules of refraction to make images for the various positions of the object in front of a concave and convex lens.</p>	<p>Students will be able to</p> <p>1) Interpret the difference between respiration and breathing and inhalation and exhalation, exchange of gases.</p> <p>2) Relates processes and phenomena with causes and effects,</p> <p>3) Compare the chemical properties of acids and bases using indicators and chemical reactions.</p> <p>4) Examine the rules of refraction to make images for the various positions of the object in front of a concave and convex lens.</p> <p>5) Sketch the ray diagrams of concave and convex lens for different position of objects.</p>

9	15 to 22 June 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-2. Acids, Bases and Salts</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Transportation in plants, conducting tissues in plants. Activity-To study different parts of a dicot seed.</p> <p>2) Know General properties, examples and uses, neutralization Activity To prepare chart of different food items with acid present in it.</p> <p>3) Apply sign convention and use the lens formula and magnification formula to calculate the image position and size.</p>	<p>Students will be able to</p> <p>1) Compare transport of water and minerals in plants.</p> <p>2) Appreciate the importance of pH in daily life.</p> <p>3) Formulate sign convention and use the lens formula and magnification formula 4) Analyze lens formula to calculate the image position and size and magnification. Activity- To find the rough focal length of a convex lens</p>
10	24 to 29 June 2024	<p>Biology Ch-5. Life processes</p> <p>Chemistry Ch-2. Acids, Bases and Salts</p> <p>Physics Ch-9. Light - Reflection and Refraction</p>	<p>To enable the students to-</p> <p>1) Transportation in human beings-blood and its components and blood vessels</p> <p>2) Know The concept of pH scale (Definition relating to logarithm not required)</p> <p>3) Learn the concept of power of a lens and based numerical problems.</p>	<p>Student will be able to</p> <p>1) Locate arteries, veins and capillaries 2) Apply neutralization and pH to solve problems in day to day life.</p> <p>3) Identify strong and weak acids and bases. 4) Describe the preparation of various salts. 5) Suggest the uses of these salts.</p> <p>6) Revise the concept of power of a lens. 7) Solve numerical problems based on topic discussed.</p>
11	1 to 6 July 2024	<p>Biology Ch-5. Life Processes</p> <p>Chemistry Ch-2. Acids, Bases and Salt Practical 3</p> <p>Physics Ch-10. Human Eye and Colourful World</p>	<p>To enable the students to-</p> <p>1) Structure of heart-working, double-circulation, lymphatic system</p> <p>2) Practical</p> <p>3) Structure of human eye and its various parts</p>	<p>Students will be able to</p> <p>1) Analyze pulmonary and systemic circulation, blood pressure, pulse rate.</p> <p>2) Sketch the structure of human eye and revise functions of its various parts.</p>
12	8 to 11 July 2024	Revision for PA 1		
13	12 to 22 July 2024	PA 1		

14	23 to 27 July 2024	<p>Biology Ch-5. Life Processes</p> <p>Chemistry Ch-2. Acids, Bases and Salt</p> <p>Physics Ch-10. Human Eye and Colourful World</p>	<p>To enable the students to-</p> <p>1) Excretion-plants,animals</p> <p>2) Analyze defects of vision – Myopia and Hypermetropia and their correction.</p>	<p>Students will be able to</p> <p>1) Associate excretory system,nephron,and urineformation, artificial kidney</p> <p>2) Assess the defects of vision – Myopia and Hypermetropia and their correction.</p> <p>3) Solve numerical problems based on myopia and hypermetropia.</p>
15	29 July to 3 August 2024	<p>Biology Ch-7. How do Organisms Reproduce</p> <p>Chemistry Ch-2. Acids, Bases and Salt</p> <p>Physics Ch-10. Human Eye and Colourful World</p>	<p>To enable the students to--</p> <p>1) Reproduction, do organisms produce exact copies of themselves,types of reproduction Activity- To study binary fission in amoeba.</p> <p>2) Know Importance of pH in everyday life Salts.</p> <p>3) Understand refraction of ray of light through glass prism</p> <p>4) Sketch dispersion of light through glass prism</p>	<p>Students will be able to</p> <p>1) List types of reproduction-asexual and sexual.</p> <p>2) Apply neutralization and pH to solve problems in day to day life.</p> <p>3) Identify strong and weak acids and bases.</p> <p>4) Analyze refraction of ray of light through glass prism.</p> <p>5) Explore the knowledge of dispersion of light through glass prism.</p>
16	5 to 10 August 2024	<p>Biology Ch-7. How do Organisms Reproduce</p> <p>Chemistry Ch-2. Acids, Bases and Salt</p> <p>Physics Ch-10. Human Eye and Colourful World</p>	<p>To enable the students to-</p> <p>1) Types of asexual reproduction.</p> <p>2) Know the preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris Activity-Chlor-alkali process model</p> <p>3) Sketch rainbow formation</p> <p>4) Illustrate Atmospheric refraction</p>	<p>Student will be able to</p> <p>1) Study asexual reproduction in yeast by budding.</p> <p>2) To examine growth of bread mould on the moist slice of bread.</p> <p>3) Vegetative propagation in potato.</p> <p>4) Describe the preparation of various salts.</p> <p>5) Suggest the uses of these salts</p> <p>6) Analyze how rainbow formation takes place.</p> <p>7) Assess the concept of atmospheric refraction and explore its daily life applications</p>

17	12 to 17 August 2024	<p>Biology Ch-7. How do Organisms Reproduce</p> <p>Chemistry Ch-2. Acids, Bases and Salt Practical 4</p> <p>Physics Ch-10. Human Eye and Colourful World</p>	<p>To enable the students to-</p> <p>1) Sexual reproduction-flowering plants</p> <p>2) Understand Covalent bonding in carbon compounds. Versatile nature of carbon.</p> <p>3) Understand scattering of light and relate it with Tyndall effect.</p>	<p>Students will be able to</p> <p>1) Categorize parts of flower, types of pollination and fertilization, seed and fruit formation. Activity-To observe different parts of a seed.</p> <p>2) Draw electron dot structures of some simple carbon compounds -covalent bonding.</p> <p>3) Analyze scattering of light and relate it with Tyndall effect.</p> <p>4) Explore daily life phenomenon such as blue colour of sky, reddish hues of sun during sunrise and sunset, etc.</p>
18	19 to 24 August 2024	<p>Biology Ch-7. How do organisms reproduce</p> <p>Chemistry Ch-4. Carbon and its Compound</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) Sexual reproduction in human beings-male reproductive system.</p> <p>2) Understand Homologous series and corresponding formulas</p> <p>3) Name the carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes)</p> <p>4) Learn concept of electric charge and its types</p> <p>5) Understand the electric potential and electric current and its relation with charge</p>	<p>Students will be able to</p> <p>1) Discuss organs in male reproductive system,</p> <p>2) Understand micelles formation, formation of diamond, graphite, and Buckminsterfullerene</p> <p>4) Formulate concept of electric charge and its types and properties of charge.</p> <p>5) Assess the electric potential and electric current and its relation with charge.</p>
19	26 to 31 August 2024	<p>Biology Ch-7. How do organisms reproduce</p> <p>Chemistry Ch-4. Carbon and its Compound</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) Understand female reproductive system, menstruation cycle and birth control methods.</p> <p>2) Understand and write the IUPAC nomenclature.</p> <p>3) Understand the concept of resistance and Ohm's law.</p> <p>4) Sketch various electrical symbols.</p>	<p>Students will be able to</p> <p>1) Extend mechanical, chemical and surgical methods of birth control, parts involved in reproductive system.</p> <p>2) Provide IUPAC names and write the structural formula of the carbon compounds of simple hydrocarbons.</p> <p>3) Formulate the concept of resistance and Ohm's law.</p> <p>4) Solve numerical problems based on Ohm's law.</p> <p>5) Recognize various electrical symbols and will be able to use these symbols in circuit diagrams.</p>

20	2 to 7 September 2024	<p>Biology Ch-8. Heredity</p> <p>Chemistry Ch- 4. Carbon and its Compound</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) Solve crosses, derive the laws of genetics.</p> <p>2) Understand and write the IUPAC nomenclature Activity-ppt presentation on chemical properties of organic compounds.</p> <p>3) Understand the concept of resistance and factors affecting resistance of a conductor.</p>	<p>Student will be able to</p> <p>1) Find out the inheritance of ear lobes in humans, To confirm that F2 generation have 1:2:1 ratio of TT, Tt, tt trait combination</p> <p>2) Formulate dominant and recessive trait</p> <p>3) Provide IUPAC names and write the structural formula of the carbon compounds of simple hydrocarbons.</p> <p>4) Understand the concept of resistance and factors affecting resistance of a conductor.</p> <p>5) Learn the concept of resistivity.</p> <p>6) Will be able to solve numerical problems based on factors affecting resistance.</p>
21	9 to 16 September 2024	Revision		
22	18 to 30 September 2024	PA - II		
23	1 to 10 Oct 2024	<p>Biology Ch-8. Heredity</p> <p>Chemistry Ch- 4. Carbon and its Compound</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) State and explain the Mendelian Laws.</p> <p>2) Sex Determination.</p> <p>3) Difference between saturated hydrocarbons and unsaturated hydrocarbons.</p> <p>4) Understand the Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction).</p> <p>5) Understand the series and parallel combination of resistance.</p>	<p>Student will be able to</p> <p>1) Analyze Mendel's contribution in heredity Recognize the role of gender in sex determination</p> <p>2) Differentiate saturated hydrocarbons and unsaturated hydrocarbons.</p> <p>3) Solve numerical problems based on series and parallel combination of resistances</p>
24	11 to 12 Oct. 2024	Dussehra Holidays		
25	14 to 19 Oct 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch- 4. Carbon and its Compound Practical 5</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) Understand coordination in plants, hormones</p> <p>2) Understand plant movement-tropic and nastic movements.</p> <p>2) Understand the concept of heating effects of electric current.</p>	<p>Students will be able to</p> <p>1) Describe functions of phytohormone.</p> <p>2) Extend the effect of gravity on plants, response of plants towards light.</p> <p>3) Formulate expression for the series and parallel combination of resistance</p> <p>4) Analyze the concept of heating effects of electric current and causes of heating effect.</p> <p>5) Solve numerical problems based on heating effects.</p>

26	21 to 28 Oct2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch- 4. Carbon and its Compound</p> <p>Physics Ch-11. Electricity</p>	<p>To enable the students to-</p> <p>1) Understand hydrotropism, chemotropism, thigmotropism.</p> <p>2) Know the properties and uses of Ethanol and ethanoic acid (only properties and uses), soaps and detergents. Activity- ppt presentation on chemical properties of organic compounds.</p> <p>3) Understand concepts of electric power and commercial unit of energy.</p>	<p>Students will be able to</p> <p>1) Recall the response of plants due to movements.</p> <p>Activity- ppt presentation on chemical properties of organic compounds</p> <p>2) Assess the concepts of electric power and commercial unit of energy</p> <p>3) Solve numerical problems based on electric power and electricity bill calculations.</p>
27	29 Oct to 2 Nov 2024	Diwali Holidays		
28	4 to 9 Nov 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch-3. Metals and Non-metals</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>To enable the students to-</p> <p>1) Understand control and coordination in animals- human nervous system.</p> <p>2) Understand parts of nervous system.</p> <p>3) Differentiating properties of metals and non-metals.</p> <p>4) Describe concept of magnetic field and magnetic field lines.</p> <p>5) Explain and perform Oersted experiment.</p> <p>6) Draw and explain properties of magnetic field lines due to current carrying straight conductor.</p>	<p>Students will be able to</p> <p>1) Demonstrate about neurons, organs of nervous system.</p> <p>2) Interpret central and peripheral nervous system.</p> <p>3) Compare and contrast the physical properties of metals and non-metals.</p> <p>4) Sketch magnetic field lines and revise magnetic field lines.</p> <p>5) Explore various properties of magnetic field lines.</p> <p>Activity- To plot the magnetic field lines of a bar magnet using magnetic compass.</p> <p>6) Analyze Oersted experiment and learns how magnetic field is produced near a current carrying conductor.</p> <p>7) Formulate magnetic field due to current carrying straight conductor.</p>

29	11 to 16 Nov 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch-3. Metals and Non-metals</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Reflex action and reflex arc 2) Understand autonomic nervous system ,voluntary nervous system 3) Understand chemical properties of metals. 4) State and apply Right hand thumb rule. 5) Sketch and explain properties of magnetic field lines due to circular current conductor. 	<p>Students will be able to</p> <ol style="list-style-type: none"> 1) Assess the role of effectors. 2) Revise voluntary actions. 3) Interpret and explain the varying degree of reactivity that metals display towards air water and acids through description and equations. 4) Compare and contrast the physical properties of metals and non-metals. 5) Analyze and apply Right hand thumb rule. 6) Formulate magnetic field due to circular current conductor and factors affecting it.
30	18 to 23 Nov 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch-3. Metals and Non-metals</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Understand central nervous system 2) Know the formation of ionic compounds and properties. Activity- Demonstration of metal reactivity series with the help of experiments. 3) Understand magnetic field due to solenoid and factors affecting it. 4) Differentiate between electromagnet and permanent magnet. 	<p>Students will be able to</p> <ol style="list-style-type: none"> 1) Sketch structure of brain 2) Describe formation of ionic compounds, give explanation for the properties shown by ionic compounds. 3) Assess magnetic field due to solenoid and factors affecting it. 4) Compare electromagnet and permanent magnet and its applications.
31	25 to 30 Nov 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Ch-3. Metals and Non-metals</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>To enable the students to-</p> <ol style="list-style-type: none"> 1) Understand brain parts 2) Identify and select Extraction of metals from their ores. 2) Learn the concept of force acting on a current carrying conductor in magnetic field. 3) Explain Kicking wire experiment. 4) State Fleming's left hand rule 5) Understand working of Electric motor 	<p>Students will be able to</p> <ol style="list-style-type: none"> 1) Illustrate parts of brain and spinal cord 2) Students will be able to understand and select extraction method on the basis of the ore. 3) Recall the concept of force acting on a current carrying conductor in magnetic field 4) Analyze and apply Fleming's left hand rule to determine direction of force in Kicking wire experiment. 5) Examine working of Electric motor and its application and function of split ring commutator.
32	2 to 4 Dec 2024	Revision		
33	5 to 17 Dec 2024	PA III		

34	18 to 21 Dec 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Revision: Chemical Reaction and Equations</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>To enable the students to-</p> <p>1) learns hormones 2) Understand hypothalamus, pituitary, thyroid, parathyroid, pancreas, adrenal testes, ovaries</p> <p>Revision</p> <p>3) Explain and apply electromagnetic induction. 4) State and apply Fleming's right hand rule. 5) Describe working of Dynamo.</p>	<p>Students will be able to</p> <p>1) Construct definition of endocrine and exocrine glands. 2) Sketch various types of glands, location and their secretions. Revision</p> <p>3) Analyze and apply electromagnetic induction. 4) Recall the concept of magnetic flux 5) Assess and apply Fleming's right hand rule. 6) Inspect the working of Dynamo and its applications.</p>
35	23to 28Dec 2024	<p>Biology Ch-6. Control and Coordination</p> <p>Chemistry Revision: Chemical Reaction and Equations</p> <p>Physics Ch-12. Magnetic Effects of Electric Current</p>	<p>Student will be able to</p> <p>1) Understand feedback mechanism 2) Learn biodegradable and non-biodegradable wastes, understand ecosystem-components of an ecosystem, functioning of ecosystem, food chain, food web, trophic levels, learn transfer of energy in food chains, ten percent law, depletion of ozone layer, management of garbage.</p> <p>Revision</p> <p>3) Understand concept of household circuit 4) Define electric fuse</p>	<p>Students will be able to</p> <p>1) Assess positive and negative mechanism.</p> <p>2) Examine different types of wastes by taking various examples, categorize producers, consumers, decomposers, estimate causes of ozone depletion and its effect, comply modes of waste disposal.</p> <p>Revision</p> <p>3) Sketch household circuit 4) Revise concept of electric fuse and its applications.</p>
36	2 to 4Jan 2025	Revision		
37	6 to 13Jan 2025	Revision		
38	16 to 27Jan 2025	Pre-Board-I		

Subject:- Social Science				
		Book Followed:-	1.India and the Contemporary World-II (History) - Published by NCERT	
			2. Contemporary India II (Geography) - Published by NCERT	
			3. Democratic Politics II (Political Science) - Published by NCERT	
			4.Understanding Economic Development - Published by NCERT	
S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	POLITICAL SCIENCE- Chapter 1- Power Sharing 1.Belgium and Sri Lanka 2.Majoritarianism in Sri Lanka 3.Accommodation in Belgium 4.Why power sharing is desirable? 5.Forms of Power Sharing	To enable the students to:- 1.Explain the term power sharing. 2. Determine the political system in Sri Lanka and the rule of the majority. 3. Recognize the accommodation of different communities in the political scenario in Belgium 4.Explainthe centrality of power sharing in a democracy. 5. Understand the working of spatial and social power sharing mechanisms. 6. Express the necessity for power sharing and recognize the forms. ACTIVITY:- Draw a flow chart showing Vertical & Horizontal power sharing.	Students will be able to- 1. Identify and describe the political, religious and social issues of both case study countries 2. Analyze the accommodation pattern of Belgium. 3. Link the model of Belgium with that of our country 4. Evaluate the importance of power sharing in modern democracies
2	11 to 16 March 2024	POLITICAL SCIENCE- Chapter 1- Power Sharing Belgium and Sri Lanka Majoritarianism in Sri Lanka Accommodation in Belgium Why power sharing is desirable? Forms of Power Sharing	To enable the students to:- 1.Explain the term power sharing. 2.Determine the political system in Sri Lanka and the rule of the majority. 3.Recognize the accommodation of different communities in the political scenario in Belgium 4.Explainthe centrality of power sharing in a democracy. 5.Understand the working of spatial and social power sharing mechanisms. 6.Express the necessity for power sharing and recognize the forms.	Students will be able to- 1. Identify and describe the political, religious and social issues of both case study countries 2. Analyze the accommodation pattern of Belgium. 3. Link the model of Belgium with that of our country 4. Evaluate the importance of power sharing in modern democracies

	<p>11 to 16 March 2024</p>	<p>ECONOMICS Chapter-1.Development: 1.What Development Promises - Different People, Different Goals 2.Income and Other Goals 3. National Development 4.How to compare different countries or states? 5. Income and other criteria 6.Public Facilities 7.Sustainability of Development</p>	<p>To enable the students to: - 1.Explain what development is what are common goals, mix of goals, sustainable development 2.Enable the students to understand development and development goals, different people have different goals and goals other than income 3.Understand World Bank method of comparisonofcountriesand UNDP method of comparisonof countries 4.Understandhow a country can develop in a sustainable way</p>	<p>Students will be able to- 1.Critically think about difference between mix of goals, common goals and individual goal. 2.What does the development of a country mean. 3.Calculate their own BMI. 4. Enhance their communicationskillsby presenting their views in front of whole class on the topic 5.How a country can develop in a sustainable way. 6.Critically about importance of sustainable development.</p>
<p>3</p>	<p>18 to 23 March 2024</p>	<p>ECONOMICS Chapter-1.Development: 1.What Development Promises - Different People, Different Goals 2.Income and Other Goals 3.National Development 4.How to compare different countries or states? 5. Income and other criteria 6. Public Facilities 7.Sustainability of Development</p>	<p>To enable the students to :- 1.Explain what development is,what are common goals, mix of goals, sustainable development 2.Enable the students to understand development and development goals, different people have different goals and goals other than income 3.Understand World Bank method of comparison of countries and UNDP method of comparison of countries 4.Understandhow a country can develop in a sustainable way.</p>	<p>Students will be able to- 1. Understand the rationale for overall human development in our country, which includes the rise of income, improvements in health and education rather than income. 2. Understand the importance of quality of life and sustainable development</p>

	<p>18 to 23 March 2024</p>	<p>GEOGRAPHY Chapter 1-Resources & development 1.Resource Planning - Resource Planning in India, Conservation of Resources 2.Land Resources 3. Land Utilization 4.Land Use Pattern in India 5.Land Degradation and Conservation 6.Measures 7. Soil as a Resource - 8.Classification of Soils, 9.Soil Erosion and Soil Conservation.</p>	<p>ACTIVITY:- Current Affairs (News articles and news clippings) Need for sustainable development and various ways in which we can conserve resources. + To enable the students to:- 1,Differentiate between various types of resources. 2.Differentiate the categories of land use in India 3.Analyse the role of humans as an important component to promote sustainable development. 4.To understand the problems of land degradation and find out the solution for it 5.To know the formation of soil and its classification. 6.Understand the causes of soil Erosion and its solution</p>	<p>Students will be able to- 1.Observe objectives of Earth Summits as the outcome of Sustainable development. 2.The student learns how the issues of land use and soil erosion be solved through simple ways 3.Understands the difference between various types of soils 4.Responsible participation and critical analysis of causes responsible for depletion of resources.</p>
<p>4</p>	<p>25-30 March 2024</p>	<p>GEOGRAPHY Chapter 1-Resources & development 1.Resource Planning - Resource Planning in India, Conservation of Resources 2.Land Resources 3. Land Utilization 4.Land Use Pattern in India 5.Land Degradation and Conservation 6.Measures 7.Soil as a Resource - 8.Classification of Soils 9. Soil Erosion and Soil Conservation</p>	<p>To enable the students to:- 1,Differentiate between various types of resources. 2.Differentiate the categories of land use in India .3.Analyse the role of humans as an important component to promote sustainable development. 4.To understand the problems of land degradation and find out the solution for it 5.To know the formation of soil and its classification. 6.Understand the causes of soilErosion and its solution</p> <p>ACTIVITY-Map work</p>	<p>Students will be able to- 1.Observe objectives of Earth Summits as the outcome of Sustainable development. 2.The student learns how the issues of landuse and soil erosion be solved through simple ways 3.Understands the difference between various types of soils 4.Responsible participation and critical analysis of causes responsible for depletion of resources.</p>

5	1 to 6 April 2024	<p>GEOGRAPHY Chapter-2 Forest and Wildlife 1.Conservation of forest and wildlife inIndia 2.Types and distribution of forests andwildlife resources 3.Community and Conservation</p>	<p>To enable the students to:- 1. Importance of forests and wildlife in our environment as well as develop concept towards depletion of resources</p> <p>ACTIVITY:- Poster Making/ Power Point Presentation on useful plants and animals ashome remedy for diseases by traditional village communities</p>	<p>Students will be able to- 1.Suggest measures that should beadopted to protect and conserveforests and wildlife 2.Use their knowledge of soil distribution in the country and plot them on a map of India. 3.List out how communities around them have tried to protect and conserve forests and wildlife</p>
6	8 to 13 April 2024	<p>POLITICAL SCIENCE Chapter 2- Federalism 1.What is Federalism? 2. What make India a Federal Country? 3. How is Federalism practiced? 4. Decentralization in India</p>	<p>To enable the students to:- 1.Analyze the division of power between center and states in democracy 2.Analyze the success of federalism in Indian democracy. 3.Analyze unequal division of power in Indian democracy</p> <p>ACTIVITY :- Debate;- Topic- "Indian Constitution is Federal in structure but Unitary in spirit". .*Arguments Against theMotion *Argument in favor of theMotion</p>	<p>Students will be able to- 1.Critically think about how power sharing takes place in India 2.Develop citizenship through understanding the 3.Enhance their creativity by reflecting the mechanism power sharing between different levels of government. 4.Enhance their communication skills by debating how power sharing leads to the success of federal practice in India</p>
7	15 to 20 April 2024	<p>POLITICAL SCIENCE Chapter 2- Federalism 1.What is Federalism? 2. What make India a Federal Country? 3. How is Federalism practiced? 4. Decentralization in India</p> <p>ECONOMICSCChapter 2 -Sectors of Indian economy 1.Sectors of Economic Activities</p>	<p>To enable the students to:- 1.Analyze the division of power between center and states in democracy 2.Analyze the success of federalism in Indian democracy. 3.Analyze unequal division of power in Indian democracy +</p> <p>To enable the students to:- 1.Recognition and Classification of the various components and sectors Indian economy 2.Identify the differences between the classified sectors of economy</p>	<p>Students will be able to- 1.Critically think about how power sharing takes place in India 2.Analyze theimportance and need of federalunits 3.Enhance their creativityby reflecting the mechanism power sharing between different levels of government. 4.Enhance their communication skills by debating how power sharing leads to the success of federal practice in India. + Students will be able to- 1.Knowledge-Students have learnt about division of economic activities into three different sectors.</p>

		2 Comparing the three sectors 3. Primary, Secondary and Tertiary Sectors in India 4.Division of sectors as organized and unorganized 5.Sectors in terms of ownership: Public and Private Sectors	3.Evaluate goods and services in three different sectors. 4.Trace the changes which have taken place in these three sectors since the olden days. 5.Understand the rising importance of tertiary sector. ACTIVITY:- Crossword Topic -Sectors of the Indian Economy.	2.Skills and Competencies-students would be able to collaboratively realize the idea of raising tertiary sector to solve various economic problems like unemployment and poverty. 3.Affective-appreciate the concept organized and unorganized sectors of economy
8	22 to 30 April 2024	ECONOMICS Chapter 2 -Sectors of Indian economy 1.Sectors of Economic Activities 2 Comparing the three sectors 3. Primary, Secondary and Tertiary Sectors in India 4.Division of sectors as organized and unorganized 5.Sectors in terms of ownership: Public and Private Sectors	To enable the students to:- 1.Recognition and Classification of the various components and sectors Indian economy 2.Identify the differences between the classified sectors of economy 3.Evaluate goods and services in three different sectors. 4.Trace the changes which have taken place in these three sectors since the olden days. 5.Understand the rising importance of tertiary sector	Students will be able to- 1.Knowledge-Students have learnt about division of economic activities into three different sectors. 2.Skills and Competencies-students would be able to collaboratively realize the idea of raising tertiary sector to solve various economic problems like unemployment and poverty. 3.Affective-appreciate the concept organized and unorganized sectors of economy
9	15 to 22 June 2024	HISTORY Chapter 1-The Rise of Nationalism in Europe 1.The French Revolution and the Idea of the Nation 2. The Making of Nationalism in Europe 3. The Age of Revolutions: 1830-1848 4. The Making of Germany and Italy 5. Visualizing the Nation 6. Nationalism and Imperialism	To enable the students to:- 1.Discuss the forms in which nationalism developed along with the formation of nation states in Europe in the post -1830 period. 2.Discuss the relationship/difference between European nationalism and anti-colonial nationalism. 3.Affective-Point to the way of the format required nation states. 4.Enhance their patriotic feelings, making of Germany and Italy. 5.Psychomotor-locate important places related with the Nationalist movement in Europe on the map of World	To enable the students to;- 1.Knowledge-Students have learnt forms in which nationalism developed in Europe. 2.Skills and Competencies-students would be able to collaboratively realize the idea of The Nation, and the Making of Nationalism in Europe. 3.Affective-appreciate the concept and practices of a modern state

10	24 to 29 June,2024	HISTORY Chapter1-The Rise of Nationalism in Europe 1.The French Revolution and the Idea of the Nation 2. The Making of Nationalism in Europe 3. The Age of Revolutions: 1830-1848 4. The Making of Germany and Italy 5. Visualizing the Nation 6. Nationalism and Imperialism	To enable the students to:- 1.Discuss the forms in which nationalism developed along with the formation of nation states in Europe in the post -1830 period. 2.Discuss the relationship/difference between European nationalism and anti-colonial nationalism. 3.Affective-Point to the way of the format required nation states. 4.Enhance their patriotic feelings, making of Germany and Italy. 5.Psychomotor-locate important places related with the Nationalist movement in Europe on the map of World	To enable the students to;- 1.Knowledge-Students have learnt forms in which nationalism developed in Europe. 2.Skills and Competencies-students would be able to collaboratively realize the idea of The Nation, and the Making of Nationalism in Europe. 3.Affective-appreciate the concept and practices of a modern state
11	1 to 6 July 2024	ECONOMICS Chapter 3-Money and Credit 1.Money as a medium of exchange 2. Modern forms of Money 3 Loan activities of Banks 4. Two different Credit situations 5. Terms of Credit 6. Formal Sector Credit in India 7. Self Help Groups for the Poor	To enable the students to:- 1.Know about Barter system with its drawback, modern forms of money with its importance 2. Trends of formal and informal credit in rural and urban areas and solution for cheap and affordable credit-Cooperatives and Self-Help Groups. 3.Study about trends of formal and informal credit.. 4.Understand solution for cheap and affordable credit-Cooperatives and Self-Help Groups. ACTIVITY :- Field Survey-Credit: sources, terms and uses.	Students will be able to- 1.Understand money as an economic concept 2.Understand the role of financial institutions from the point of view of day-to- day life.
12	8 to 11 July 2024		REVISION PA I	
13	12 to 22 July 2024		PA -I	

14	23 to 27 July 2024	HISTORY Chapter 2-Nationalism in India 1.The First World War, Khilafat and Non - Cooperation 2.Differing Strands within the Movement 3. Towards Civil Disobedience 4.The Sense of Collective Belonging	To enable the students to:- 1. Discuss the characteristics of Indian nationalism through Satyagraha, Non-cooperation movement and Civil Disobedience movement 2. Analyze the nature of the diverse social movements of the time. 3. Familiarize students with the writings and ideals of different political groups and individuals notably Mahatma Gandhi. 4. Affective-appreciate the role of various social groups in freedom struggle. 5. Enhance their patriotic feelings. 6. Psychomotor-locate important places related with the Nationalist movement in India on the map of India.	Students will be able to- 1. Knowledge-Students have learnt economic and political situations created by the World war, Satyagraha movement, Non-Cooperation. 2. Skills and Competencies-students would be able to collaboratively realize the causes for the sense of Collective Belonging.
15	29 July TO 3 August 2024	HISTORY Chapter 2-Nationalism in India 1.The First World War, Khilafat and Non - Cooperation 2.Differing Strands within the Movement 3. Towards Civil Disobedience 4.The Sense of Collective Belonging	To enable the students to:- 1.Discuss the characteristics of Indian nationalism through Satyagraha, Non-cooperation movement and Civil Disobedience movement 2. Analyze the nature of the diverse social movements of the time. 3. Familiarize students with the writings and ideals of different political groups and individuals notably Mahatma Gandhi. 4. Affective-appreciate the role of various social groups in freedom struggle. 5. Enhance their patriotic feelings. 6. Psychomotor-locate important places related with the Nationalist movement in India on the map of India.	Students will be able to- 1.Knowledge-Students have learnt economic and political by the World war, satyagraha movement, Non-Cooperation. 2.Skills and Competencies-students be able to collaboratively realize the causes for the sense of Collective Belonging.
16	5 to 10 August 2024	GEOGRAPHY Chapter 3- Water Resources 1.Water Scarcity and The Need for Water Conservation and Management 2. Multi-Purpose River Projects and Integrated Water Resources Management 3 Rainwater Harvesting	Students will be able to- 1. Identify the causes of water scarcity in India. 2. Compare and contrast the advantages and disadvantages of multipurpose river valley projects. 3. Describe the various rainwater harvesting methods practiced in India. ACTIVITY Debate-: "Dams are the best ways for utilization of river water" Or"Dams have failed to become the temples of modern India."	Students will be able to- 1. Define water scarcity 2. Analyse the causes of water scarcity 3. Explain the need for conservation of Water 4. Analyse the advantages and disadvantages of Multipurpose Projects.

17	12 to 17 August 2024	<p>POLITICAL SCIENCE Chapter 4- Gender, Religion and Caste 1. Gender and Politics - Public/Private division, Women's political representation 2. Religion, Communalism and Politics –Communalism, Secular State(excluding image on page 46, 48, 49 of NCERT Textbook – Democratic Politics –II - reprinted edition 2021) 3. Caste and Politics - Caste inequalities, Caste in politics, Politics in caste</p>	<p>To enable the students to:- 1. About gender discrimination and its role in politics 2. Women's role in politics 3. Extent of women's representation in politics 4. To understand link between Religion, Communalism and Politics 5. Understand the term secular state 6. Learn about role caste division plays in politics ACTIVITY :- Fine Arts – Chart making on symbols of political parties</p>	<p>Students will be able to- 1. Identify and analyze the challenges posed by communalism to Indian democracy 2. Recognize the enabling and disabling effects of caste and ethnicity in politics 3. Develop a gender perspective on politics.</p>
18	19 to 24 August 2024	<p>POLITICAL SCIENCE Chapter 4- Gender, Religion and Caste 1. Gender and Politics - Public/Private division, Women's political representation 2. Religion, Communalism and Politics –Communalism, Secular State(excluding image on page 46, 48, 49 of NCERT Textbook – Democratic Politics –II- reprinted edition 2021) 3. Caste and Politics - Caste inequalities, Caste in politics, Politics in caste</p>	<p>To enable the students to:- 1. About gender discrimination and its role in politics 2. Women's role in politics 3. Extent of women's representation in politics 4. To understand link between Religion, Communalism and Politics 5. Understand the term secular state 6. Learn about role caste division plays in politics</p>	<p>Students will be able to- 1. Identify and analyze the challenges posed by communalism to Indian democracy 2. Recognize the enabling and disabling effects of caste and ethnicity in politics 3. Develop a gender perspective on politics.</p>

19	26 to 31 August 2024	GEOGRAPHY Chapter 4 - Agriculture 1.Types of Farming – Primitive Subsistence, Intensive Subsistence, Commercial 2.Cropping Pattern – Major Crops, Food Crops other than Grains, Non Food Crops, Technological and Institutional Reforms 3. Food Security (excluding impact of globalization on agriculture)	To enable the students to:- 1. Understand the major crops (grains and leguminous crops, food crops and non-food crops) in India. 2. Understand the institutional and technological reforms which become necessity for revolution in agricultural sector. ACTIVITY-; Map Work	Students will be able to- 1. Identify various types of farming and discuss the various farming methods; describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping pattern
20	2 to 7 Sept. 2024	HISTORY Chapter 3 – The Making of a Global World 1.The Pre-modern world	To enable the students to:- 1. Migrants, Trade Routes, Food in bringing international connections between countries.	Students will be able to- 1. Understand –factors that led to the making of the global world.
21	9 to 16 Sept.2024		REVISION PA II	
22	18 TO 30 Sept.2024		PA-II Examination	
23	1 to 10 Oct.. 2024	POLITICAL SCIENCE Chapter 6- Political Parties 1.Why do we need Political Parties? –Meaning, Functions, Necessity 2.How many parties should we have? 3.National Parties 4.State Parties 5. Challenges to Political Parties 6.How can Parties be reformed?	To enable the students to:- 1. Analyze difference between functions of and challenges faced by political parties in democracy 2. Analyze fundamentals of political parties. 3. Analyze various challenges faced by political parties in India. ACTIVITY:- Fine Arts – Chart making on symbols of political parties	Students will be able to :- 1. Critically think about how people under representative government exercise power 2. Develop citizenship through understanding the contribution of people to representative democracy 3. Enhance their creativityby reflecting on how political parties a can be reformed 4. Enhance their communication skills by debating on how electoral reforms can improve the efficacy of political parties.
24	11 and 12 Oct.. 2024		Dussehra Holidays	

25	14 to 19 Oct 2024	<p>HISTORY Chapter 5 -Print Culture and the Modern World 1.The First Printed Books 2. Print Comes to Europe 3. The Print Revolution and its Impact 4. The Reading Mania 5. The Nineteenth Century 6. India and the World of Print 7. Religious Reform and Public Debates 8. New Forms of Publication 9.Print and Censorship</p>	<p>To enable the students to:- 1. Describethe print revolution and its impact. 2. Explain how print technology spread in Europe. 3. Familiarize students with new forms of publication 4. Analyze the leaps in mass literacy in Europe. 5. A new visual culture emerged by the end of the 19thcentury-Raja Ravi Verma. 6. Explain relationship between print culture, public debate and politics ACTIVITY Cross word puzzle</p>	<p>Students will be able to- 1. Understand the history of development of print in Europe 2. Get familiarized with the role and impact of print revolution. 3. Establish the link between print culture and circulation of ideas</p>
26	21 to 28 Oct. 2024	<p>GEOGRAPHY Chapter 5 – Minerals & Energy Resources 1.What is a mineral? 2.Mode of occurrence of Minerals – Whereare these minerals found?, FerrousMinerals, Non-Ferrous Minerals, Non-Metallic Minerals, Rock Minerals 3.Conservation of Minerals 4. Energy Resources – ConventionalSources of Energy, Non-Conventional Sources of Energy 5. Conservation of Energy Resources</p>	<p>To enable the students to:- 1. Classify the types of mineral and energy resources. 2. Identify the mineral rich areas of India 3. Analyze theimportance of conservation of resources for future generation. 4. Compare between the possibilities of conventional and non-conventional sources of energy. 5. Criticize the way mining is being practiced and show concern 6. Construct thoughts ofresolving the problem of hazards of mining and conservation of resources. ACTIVITY;- Map Work</p>	<p>Students will be able to- 1. Identify different types of minerals and Energy resources and places of their availability 2. Feel the need for their judicious utilization.</p>
27	29 Oct to 2 Nov 2024		Diwali Holidays	

28	4 to 9 Nov.2024	<p>GEOGRAPHY Chapter 5 – Minerals &Energy Resources 1.What is a mineral? 2.Mode of occurrence of Minerals – Whereare these minerals found?, FerrousMinerals, Non-Ferrous Minerals,Non-Metallic Minerals, Rock Minerals 3.Conservation of Minerals 4. Energy Resources – Conventional Sources of Energy, Non-Conventional Sources of Energy 5. Conservation of Energy Resources ECONOMICS Chapter-4.Globalisation and the Indian Economy 1. What is Globalization? 2. Factors that have enabled Globalization</p>	<p>To enable the students to:- 1. Classify the types of mineral and energy resources. 2. Identify the mineral rich areas of India 3. Analyze theimportance of conservation of resources for future generation. 4. Compare between the possibilities of conventional and non-conventional sources of energy. 5. Criticize the way mining is being practiced and show concern 6. Construct thoughts ofresolving the problem of hazards of mining and conservation of resources + To enable the students to:- 1. Examine the concept of globalization and its definition ,evolution and impact on the global economy. 2.Explore the details of the key drivers of globalization and their role in shaping the global economic landscape in various countries. 3.Examines the significance of G20 and its significance in the light of India’s present role. ACTIVITY:- Preparing a bulletin board on the following topic- Tracing the origin (Finding a logo, relating it to the company and finding its origin)</p>	<p>Students will be able to- 1. Identify different types of minerals and Energy resources and places of their availability 3. Feel the need for their judicious utilization. + Students will be able:- 1. To observe market practice 2. Learn about dominant forces that influence world trade.</p>
29	11 to 16 Nov. 2024	<p>GEOGRAPHY Chapter 6 – Manufacturing Industries Importance of Manufacturing – IndustrialLocation (excluding Industry MarketLinkage), Agro based Industry (excluding Cotton Textiles, Jute Textiles, Sugar Industry), Mineral based Industries (excluding Iron Steel Industry, Cement Industry), Industrial Pollution and Environmental Degradation, Control of Environmental Degradation</p>	<p>To enable the students to:- 1. Define the term ‘manufacturing’ 2. Outline the importance of manufacturing. 3. Identify the factors that affect the location of an industry. 4. Classify the types of industrieswith their characteristics. 5. Identify the types and reasons of industrial pollution. 6. Justify the need of control on industrial pollutionand protect the environment. 7. Prioritize the importance of control of environmental degradation + ACTIVITY;- Map work on Software Technology Parks</p>	<p>Students will be able to- 1. Classify the types of industries. 2. Identify the industrial rich areas of India 3. Analyze the importance of pollution control caused by industries. 4. Criticize the wrong practices of industries and show concern. 5. Construct thoughts ofresolving the problems related to industries.</p>

30	18 to 23 Nov. 2024	POLITICAL SCIENCE Chapter 7 -Outcomes of Democracy 1.How do we assess democracy's outcomes? 2.Accountable, responsive and legitimate government 3. Economic growth and development 4. Reduction of inequality and poverty 5. Accommodation of social diversity 6. Dignity and freedom of the citizens	To enable the students to:- 1. Analyze difference between challenges and problems in democracy. 2. Analyze various rights enjoyed by people in democracy in India and elsewhere 3. Analyse various economic growth in democracy. ACTIVITY:- Debate on the topic:- "Assess the success of Indian Democracy since Independence".	Students will be able to- 1. Critically think about how people in non-democratic countries facing challenges 2. Develop citizenship through understanding the contribution of people in the transition of power from non-democratic to democratic regime 2. Enhance their creativity by reflecting on how democratic challenges can be reformed 3. Enhance their communication skills by debating on how electoral reforms can improve the efficacy of Democratic Govt.
31	25 to 30 Nov. 2024	POLITICAL SCIENCE Chapter 7 -Outcomes of Democracy 1.How do we assess democracy's outcomes? 2.Accountable, responsive and legitimate government 3. Economic growth and development 4. Reduction of inequality and poverty 5. Accommodation of social diversity 6. Dignity and freedom of the citizens	To enable the students to:- 1. Analyze difference between challenges and problems in democracy. 2. Analyze various rights enjoyed by people in democracy in India and elsewhere 3. Analyse various economic growth in democracy.	Students will be able to- 1. Critically think about how people in non-democratic countries facing challenges 2. Develop citizenship through understanding the contribution of people in the transition of power from non-democratic to democratic regime 2. Enhance their creativity by reflecting on how democratic challenges can be reformed 3. Enhance their communication skills by debating on how electoral reforms can improve the efficacy of Democratic Govt.
32	2 to 4 Dec.2024		REVISION FOR PA III	
33	5 to 17 Dec.2024		PA III	
34	18 to 21 Dec.2024			
35	23 to 28 Dec. 2024			
36	2 to 4 Jan 2025			
37	6 to 13 Jan 2025			
38	16 to 27 Jan 2025		Pre-Board-I	

Subject:- Artificial Intelligence (417)**Book Followed:- Artificial Intelligence : Soumya Iyer (RK Publication)**

S.No.	Month/Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	1 to 9 March 2024	Part A-Unit 1: Communication Skills-II II* -Methods of communication, Verbal communication, Non-verbal communication, Communication Cycle and Importance of feedback Activity – PPT Presentation by Students	To enable the students to- <ul style="list-style-type: none"> Understand the importance of communication Become aware of the communication methods Use various methods of Communication 	Students will be able to- <ul style="list-style-type: none"> define communication cycle and its components Communicate effectively using various methods
2	11 to 16 March 2024	Part A-Unit 1: Communication Skills-II Types of Feedback, Barriers of effective communication Writing Skills – Part of Speech, Writing Skills - Sentences Part A - Employability Skills Unit 2: Self-management Skills <ul style="list-style-type: none"> Stress Management Self-awareness — Strength and Weakness Analysis Self-motivation Activity – PPT Presentation by Students Activity- Mobile App Development for Text to Speech Converter	To enable the students to- <ul style="list-style-type: none"> Understand how to give, analyze a feedback and its responses Revise writing skills and identification grammatical errors Know barriers in communication and its types To enable the students to- <ul style="list-style-type: none"> Understand stress, its reasons and how to remove Incorporate time management skills in life and become independent 	Students will be able to- <ul style="list-style-type: none"> Know the types of feedback and start receiving feedback and responses in a positive manner Improve their writing skills and identification of grammatical errors identify & remove barriers of communication Students will be able to- <ul style="list-style-type: none"> Do their swat analysis Handle stress in positive manner Live happy life by reducing stress and take it in positive manner for improving skills
3	18 to 23 March 2024	Part A - Employability Skills Unit 2: Self-management Skills <ul style="list-style-type: none"> Self-regulation — Goal Setting Self-regulation — Time Management Activity – PPT Presentation by Students Activity- Mobile App Development for Text to Speech Converter Activity – PPT Presentation by Students Activity- Mobile App Development for Text to Speech Converter	To enable the students to- <ul style="list-style-type: none"> Understand importance of goals in life Incorporate time management skills in life and become independent Activity – PPT Presentation by Students Activity- Mobile App Development for Text to Speech Converter Activity – PPT Presentation by Students Activity- Mobile App Development for Text to Speech Converter	Students will be able to- <ul style="list-style-type: none"> Decide an aim in life and manage their time for all activities Set short and long term goals in life Incorporate time management skills to achieve goals in life and start working independent and in teams as per requirements

4	25 to 30 March 2024	<p>Part B- Unit - I - Introduction to Artificial Intelligence (AI) Foundational Concepts of AI, Intelligence, Decision Making, AI and its applications Activity- Mobile App Development for designing Calculator</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Define meaning of intelligence? • Know concept of Decision Making • Identify What is Artificial Intelligence and what is not? 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Define Artificial Intelligence and recognize its applications in daily life. • Assess for analysing progress towards acquired AI-Readiness skills.
5	1 to 6 April 2024	<p>Part B- Unit - I - Introduction to Artificial Intelligence (AI) Foundational Concepts of AI, Intelligence, Decision Making, AI and its applications Activity- Mobile App Development for designing Calculator</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Define AI and related terminologies • Introduce AI, ML, & DL • Explain AI Domains (Data, CV & NLP) • Observer applications of AI – A look at real life AI implementations • Follow AI ethics, Foundational Concepts of AI • Take right decisions 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Relate to application of Artificial Intelligence in their daily lives • To relate, apply and reflect on the Human-Machine Interactions. • To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing. • To undergo an assessment for analysing progress towards acquired AI-Readiness skills.
6	8 to 13 April 2024	<p>Part B- Unit - I - Introduction to Artificial Intelligence (AI) Foundational Concepts of AI, Intelligence, Decision Making, AI and its applications Activity- Mobile App Development for designing Calculator</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Identify What is Artificial Intelligence and what is not? • Define basics of AI • Get aware of AI and related terminologies 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • To relate, apply and reflect on the Human-Machine Interactions. • To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing. • To undergo an assessment for analysing progress towards acquired AI-Readiness skills.
7	15 to 20 April 2024	<p>Part B- Unit - 2 -AI Project Cycle Introduction: Introduction to AI Project Cycle Problem Scoping and its steps, Understanding problem scoping and Sustainable Development Goal</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Identify the AI Project Cycle framework. • Identify stakeholders involved in the problem scoped. • Brainstorm on the ethical issues involved around the problem selected. • Learn problem scoping and ways to set goals for an AI project. 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Define AI Project Cycle framework. • Identify stakeholders involved in the problem scoped. • Brainstorm on the ethical issues involved around the problem selected. • Learn problem scoping and ways to set goals for an AI project.

8	22 to 30 April 2024	<p>Part B- Unit - 2 -AI Project Cycle</p> <p>Data Acquisition Simplifying data acquisition Data Exploration Visualizing Data Modeling Activity – Case Study of How Kimchi Recipe becomes so popular and its 4w Canvas</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • Understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • To understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees.
9	15 to 22 June 2024	<p>Part B- Unit - 2 -AI Project Cycle</p> <p>Data Acquisition Simplifying data acquisition Data Exploration Visualizing Data Modeling Activity – Case Study of How Kimchi Recipe becomes so popular and its 4w Canvas Activity – Mobile App for Chatbot design</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • Understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees. 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • To understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees.
10	24 to 29 June 2024	<p>Part B- Unit - 2 -AI Project Cycle</p> <ul style="list-style-type: none"> • Introduction to Supervised Unsupervised & Reinforcement Learning Models • Neural Networks and its working <p>Activity – Case Study of How Kimchi Recipe becomes so popular and its 4w Canvas Activity – Mobile App for Chatbot design</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • To understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees. • Understand and visualize computer's ability to identify alphabets and handwritings. 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Identify data requirements and find reliable source to obtain data • To understand the purpose of Data Visualisation • Understand, create and implement the concept of Decision Trees. • Understand and visualize computer's ability to identify alphabets and handwritings.
11	1 to 6 July 2024	<p>Part B – Subject Specific Skills Unit 3 – Advance Python (To be assessed through practical) Recap</p> <ul style="list-style-type: none"> • Working on Jupyter Notebook / Python Environment for programming • Introduction to Python, Data Structure, Control Statements • Python Basics and Programs Practice 	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Acquire introductory Python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Enhance their python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms.

12	2 to 7 July 2024	Revision	Revision	Revision
13	12 to 22 July 2023	P.A.- I		
14	23 to 27 July 2024	Part B – Subject Specific Skills Unit 3 – Advance Python (To be assessed through practical) Recap • Working on Jupyter Notebook / Python Environment for programming • Introduction to Python, Data Structure, Control Statements • Python Basics and Programs Revisio Practical - List and loop based programs	To enable the students to- • Acquire introductory Python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms.	Students will be able to- • Enhance their python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms.
15	29 July to 3August 2024	Part B- Unit - 4-Practical Work: Unit 4 Data Sciences Introduction • Introduction to Data Science • Applications of Data Science • Chart Making using python	To enable the students to- • Acquire introductory Python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. • Make various types of charts using python code and analyse the data	Students will be able to- • Enhance their python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. • Write python code and analyse the data using charts
16	5 to 10August 2024	Part B- Unit - 4-Practical Work: Unit 4 Data Sciences (To be assessed through practical) Introduction • Introduction to Data Science • Applications of Data Science • Revisiting AI Project Cycle	To enable the students to- • Acquire introductory Python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. • Make various types of charts using python code and analyse the data	Students will be able to- • Enhance their pythonprogramming skills in a veryuser-friendly format • Learn basic programming skills through gamified platforms. • Write python code and analyse the data using charts

17	12 to 17August 2024	Unit 4 Data Sciences (To be assessed through practical) Introduction Concepts of Data Sciences • Python data Sciences • Statistics Learning & Data Visualization	To enable the students to- • Acquire introductory Python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. • Make various types of charts using python code and analyse the data	Students will be able to- • Enhance their python programming skills in a very user-friendly format • Learn basic programming skills through gamified platforms. • Write python code and analyse the data using charts
18	19 to 24August 2024	Part A – Employability Skills Unit-4 Entrepreneurial Skills • Entrepreneurship and Society • Qualities and Functions of an Entrepreneur • Myths about Entrepreneurship • Entrepreneurship as a Career Option	To enable the students to- • Understand importance of entrepreneurship & motivate for it • List their qualities and importance of entrepreneurs • Know the impact of entrepreneurship on society and vice versa • Aware on myths about entrepreneurs • Know career options as an entrepreneur	Students will be able to-- • Acknowledge the importance of entrepreneurship & get motivated for it • Aware on qualities and myths of entrepreneurs • Choose career options as an entrepreneur • Define sustainability and identify major sustainability challenges •Set their goals that aim to support students' full development and well-being in an holistic and sustainable perspective.
19	26 to 31August 2024	"Part A – Employability Skills Unit-3 - ICT Skills • Operating Systems, its types • Windows operating system and its features • Computer, care, maintenance and protection	To enable the students to- • Understand Operating Systems, its types • Windows operating system and its features • Know about how to care, maintain and protect digital devices	Students will be able to- • Define Operating Systems and classify its types • Explain Windows operating system and its features • Take care, maintenance and protection of digital devices
20	2 to7 Sept. 2024	Part B – Subject Specific Skills Unit 5 – Computer Vision (To be assessed in practical) • Introduction to Computer Vision • Applications of CV Concepts of Computer Vision • Understanding CV Concepts, Pixels, How do computers see images? • Image features	To enable the students to- • Define Computer Vision • Understand CV Concept • Install Open CV • Identify images using AI Application • Know platform for develop Applications for Computer Vision	Students will be able to- • Define Computer Vision • Understand CV Concept • Install Open CV • Know the use of AI Application for objects identification • Develop Applications for Computer Vision
21	9 to16 Sept. 2024	Revision	Revision	Revision

22	18 to 30 Sept. 2024	P.A.- II		
23	1 to 10 Oct,2024	Part B – Subject Specific Skills Unit 5 – Computer Vision (To be assessed in practicals) Open CV • Introduction to Open CV • Image Processing Convolution Operator (Optional) • Understanding Convolution Operator • Convolution Operator	To enable the students to- • Define Computer Vision • Understand CV Concept • Install Open CV • Identify images using AI Application • Know platform for develop Applications for Computer Vision	Students will be able to- • Define Computer Vision • Understand CV Concept • Install Open CV • Know the use of AI Application for objects identification • Develop Applications for Computer Vision
		11 ,12 Oct.2024 Dussehra Holidays		
24	14 to 19 Oct.. 2024	Part B – Subject Specific Skills Unit 5 – Computer Vision (To be assessed in practical) Convolution Neural Network • Introduction CNN, Understanding CNN, Kernel, Layers Testing CNN	To enable the students to- • Define Computer Vision • Understand CV Concept • Install Open CV • Identify images using AI Application • Know platform for develop Applications for Computer Vision	Students will be able to- • Describe Computer Vision and practical implementation • Know the use of AI Application for objects identification • Develop Applications for Computer Vision
25	21 to 28 Oct.. 2024	Part A : Employability Skills Unit 5 Green Skills • Introduction • Sustainable Development • Relationship between Society and Environment Activity PPT on Green Skills by Students• Green Economy • Sustainable Development • Our Role in Sustainable Development Activity - PPT on Green Skills by Students	To enable the students to- • Understand the components of Environment • Know the Goals of Sustainable Development • Relate society and environment and its interdependency	Students will be able to-- • Know the Goals of Sustainable Development • Understand interdependency of society and environment • Demonstrate ideas of sustainable development
26		29 Oct. to 2 Nov.2024 Diwali Break		

27	4 to 9 Nov.. 2024	<p>Part B Subject Specific Skills Unit 6 Natural Language Processing Introduction</p> <ul style="list-style-type: none"> • Introduction to Natural Language Processing • NLP Applications • Revisiting AI project cycle • Introduction to Chatbots • Human Language VS Computer Language 	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Aware of NLP concept and its applications • Know the working of Chatbots • Differentiate Human and Computer Languages • Know Text Normalization and its Features 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Define of NLP concept and its applications • Understand the working of Chatbots and able to create applications • Understand Human and Computer Languages • Explain Text Normalization and its Features
28	11 to 16 Nov. 2024	<p>Part B Subject Specific Skills Unit 6 Natural Language Processing</p> <p>Concepts of Natural Language Processing</p> <ul style="list-style-type: none"> • Text Processing, Data Processing • Bag of Words, TFIDF, NLTK 	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Aware of NLP concept and its applications • Know the working of Chatbots • Differentiate Human and Computer Languages • Know Text Normalization and its Features 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Understand the use of softwae and online platform for NLP work • Give ideas and design for NLP based applications • Understand the working of Chatbots and able to create applications
29	18 to 23 Nov. 2024	<p>Part B: Subject Specific Skills Unit 7 Evaluation</p> <ul style="list-style-type: none"> • Introduction to model evaluation • Confusion Matrix • Confusion Matrix • Understanding Accuracy, Precision, Recall & F1 Score • Practice Evaluation 	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Know about Evaluation Process, • Define and design Confusion Matrix • Classify Evaluation Methods 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Know about Evaluation Process, • Define and design Confusion Matrix • Classify Evaluation Methods
30	25 to 30 Nov. 2024	<p>Part B: Subject Specific Skills Unit 7 Evaluation</p> <p>Programs and Applications Practice on Python and Code.org Understanding Accuracy, Precision, Recall & F1 Score Practice Evaluation</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> • Know about Evaluation Process, • Define and design Confusion Matrix • Classify Evaluation Methods • make python programs and improve logical and programming skills • Design and code application programs using code.org • Define and design Confusion Matrix • Classify Evaluation Methods 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Know about Evaluation Process, • Define and design Confusion Matrix • Classify Evaluation Methods • Enhance their programming skills • Improve their reasoning and logical skills • Motivate towards problem solving approach • Get aware about Evaluation Process and its methods • Design and implement Confusion Matrix • Classify Evaluation Methods
31	2 to 4 Dec. 2024	Revision	Revision	Revision

32	5 to 17Dec. 2024	P.A.III		
33	18 to 21 Dec. 2024	Revision - Online MCQs / Google Forms based MCQ Project + Practical Work	Revision	Revision
34	23 to 28 Dec.2024	Revision - Online MCQs / Google Forms based MCQ +Worksheet Project + Practical Work	Revision	Revision
35	2 to 4 Jan.2025	Revision - Online MCQs / Google Forms based MCQ Project + Practical Work	Revision	Revision
36	6 to 13 Jan.2025	Revision - Online MCQs / Google Forms based MCQ + HOTS Practice	Revision	Revision
37	16 to 27Jan. 2025	Pre Board - I		
38	March	Board Exam		

Subject:- Art & Craft

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	April 2024	Stone Painting	To enable the students to- Demonstrate stone art	Students will be able to - Demonstrate stone art
		Photo Frame	To enable the students to - Produce creative work.	Students will be able to - Produce creative works
2	June 2024	Umbrella Painting	To enable the students to- Perform art work on umbrella	Students will be able to - Perform art work on umbrella
		3D Mural Art	To enable the students to- Create Mural artwork	Students will be able to- Create Mural artwork
3	July 2024	Rakhi Making	To enable the students to - Produce creative works	Students will be able to - Produce creative works
		3D Mural Art	To enable the students to- Create Mural artwork	Students will be able to- Create Mural artwork
4	August 2024	Ganesh Making	To enable the students to- Make Ganesh of different types using clay	Students will be able to- Make Ganesh of different types using clay
		Lippon Art	To enable the students to - Use the conework and mirror work creatively	Students will be able to - Use the conework and mirror work creatively
5	Sept. 2024	Rangoli Making	To enable the students to- Make rangoli	Students will be able to- Make rangoli
		Mandana Design	To enable the students to- Create Different types of Mandana Art	Students will be able to- Create Different types of Mandana Art
6	Oct.2024	Resin Art	To enable the students to- Use resin and create different objects of Resin Art	Students will be able to- Use resin and create different objects of Resin Art
		Mandana design	To enable the students to- Create Different types of Mandana Art	Students will be able to- Create Different types of Mandana Art
7	Nove. 2024	Resin Art	To enable the students to- Use resin and create different objects of Resin Art	Students will be able to- Use resin and create different objects of Resin Art
		String Art	To enable the students to- Develop hand and eye coordination and create String Art	Students will be able to- Develop hand and eye coordination and create String Art
8	Dec. 2024	Fabric Painting	To enable the students to-Learn Indian Art	Students will be able to-Learn Indian Art
		Emboss Embroidery	To enable the students to-Learn Indian Art	Students will be able to-Learn Indian Art
9	Jan 2024	Installation art works	To enable the students to- Use the different mediums of the artwork	Students will be able to- Use the different mediums of the artwork
		Calligraphy	To enable the students to - Learn calligraphy Handwriting	Students will be able to- Improve their calligraphy handwriting
10	Feb 2024	Bottle decoration	To enable the students to- Perform art work on bottles	Students will be able to- Perform art work on bottles

Subject:- Drawing

S.No.	Month/Week	Lesson to be taught	Learning Objectives	Learning Outcomes
2	April 2024	Phad Painting	To enable the students to- Learn Indian Art	Students will be able to- Improve their Indian art knowledge
3	June 2024	Warli Painting	To enable the students to- Learn Indian Art	Students will be able to- Improve their Indian warli art knowledge
4	July 2024	Modern Art	To enable the students to- Know about Modern Painting	Students will be able to- Improve their modern art knowledge
5	August 2024	Still life Bird body figure	To enable the students to- Draw the Bird body figure	Students will be able to- Draw Bird body figure and still life object
6	September 2024	Landscape	To enable the students to- Depict the natural scenery in Art	Students will be able to- Understand and draw landscape paintings
7	October 2024	Mandala art	To enable the students to- Learn Indian Art	Students will be able to- Improve their Indian art knowledge
8	November 2024	Madhubani art	To enable the students to- Learn Indian Art	Students will be able to- Improve their Indian art knowledge
9	December 2024	Mandana art	To enable the students to- Learn Indian Art	Students will be able to- Improve their Indian art knowledge
10	January 2025	Geometrical Art	To enable the students to- Know about Geometrical Art	Students will be able to- Improve geometrical art knowledge
11	February 2025	Revision of ice cream stick painting	To enable the students to- Know about ice cream stick painting	Students will be able to- Improve ice cream stick painting knowledge

Subject:- Vocal Music

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
2	April 2024	Sawar Introduction	To enable students to- Understand SawarGyan	Students will be able to- Learn swaras.
3	May 2024	Definifion of Sawar	To enable students to- Understand SawarGyan	Students will be able to- Learn swaras.
4	June 2024	Songs for Foundation Day	To enable students to- Perform on stage	Students will be able to- Understand the objectives of singing
		Guru Vandana	To enable students to- Perform on stage	Students will be able to- Understand the objectives of singing
5	July 2024	Songs for Foundation Day	To enable students to- Perform on stage	Students will be able to- Understand the objectives of singing
		Guru Vandana	To enable students to- Perform on stage	Students will be able to- Understand the objectives of singing
		Introduction of RaagYaman	To enable students to- Perform on stage	Students will be able to- Understand the objectives of singing
6	August 2024	RaagYamanSargamGeet	To enable students to- Understand Raga	Students will be able to- Develop critical thinking
		Patriotic Song	To enable students to- Understand Raga	Students will be able to- Develop critical thinking
		Krishna Bhajan	To enable students to- Understand Raga	Students will be able to- Develop critical thinking
		GanpatiBhajan	To enable students to- Understand Raga	Students will be able to- Develop critical thinking
		Competition Preparation	To enable students to- Understand Raga	Students will be able to- Develop critical thinking
7	Sept. 2024	Teachers Day Song	To enable the students to- Develop music sense through Raag	Students will be able to- Think critically and creatively
		RaagYamanLakshanGeet	To enable the students to- Develop music sense through Raag	Students will be able to- Think critically and creatively

8	Oct.2024	Folk Song	To enable the students to- Develop singing skills in other languages	Students will be able to- Perform different types of songs
		Western Song	To enable the students to- Develop singing skills in other languages	Students will be able to- Perform different types of songs
		Song for Gandhi Jayanti	To enable the students to- Develop singing skills in other languages	Students will be able to- Perform different types of songs
		Songs For Competition	To enable the students to- Develop singing skills in other languages	Students will be able to- Perform different types of songs
9	Nov. 2024	Children's Day song	To enable the students to- Get ready for performance	Students will be able to- Think critically and creatively
		Annual Day Preparation	To enable the students to- Get ready for performance	Students will be able to- Think critically and creatively
		Preparation for Competitions	To enable the students to- Get ready for performance	Students will be able to- Think critically and creatively
10	Dec. 2024	RaagYamanChhotaKhayal	To enable the students to- Learn Flexibility in Voice	Students will be able to- Develop voice modulation
		Christmas Song	To enable the students to- Learn Flexibility in Voice	Students will be able to- Develop voice modulation
		Western Song	To enable the students to- Learn Flexibility in Voice	Students will be able to- Develop voice modulation
		Folk Song	To enable the students to- Learn Flexibility in Voice	Students will be able to- Develop voice modulation
11	Jan 2025	Graduation Ceremony Songs	To enable the students to- Boost their confidence and add Versatility in Singing	Students will be able to - Perform on Stage
		Snehanjali Program Songs	To enable the students to- Boost their confidence and add Versatility in Singing	Students will be able to - Perform on Stage
		Republic Day Patriotic Songs	To enable the students to- Boost their confidence and add Versatility in Singing	Students will be able to - Perform on Stage
12	Feb 2025	Revision of previous syllabus		

Subject:- String

S.No.	Month	Lesson to be taught	Learning Objectives	Learning Outcomes
1	March-2024	For New Students: Basic Finger Practice	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
2	April-2024	For New Students: Basic Finger Practice	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
3	June-2024	For New Students: Basic Finger Practice	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Foundation Day	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
4	July-2024	For New Students: Basic Finger Practice	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages

		Preparations For Independence Day	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
5	August-2024	For New Students: All Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Sharp Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Sharp Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Annual Function	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
6	September-2024	For New Students: All Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Sharp Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Sharp Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Annual Function	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
7	October-2024	For New Students: Basic Finger Practice	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Scales	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Minor Chords	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Annual Function	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
8	November-2024	For New Students: All Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music

		Old Students: All Major Chords	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Chords Circles	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Annual Function	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
9	December-2024	For New Students: All Sharp Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Major Chords	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
	..	Advance Level Students: All Chords Circles	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Graduation Day / Snehanjali	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
10	January-2025	For New Students: All Sharp Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Major Chords	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Chords Circles	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Graduation Day / Snehanjali	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages
11	February-2025	For New Students: All Sharp Major Scales	To enable the students to- Learn how to move fingers on string .	Students will be able to- Learn how to play music
		Old Students: All Minor Chords	To enable the students to- Learn the speed control on string	Students will be able to- Enhance their Music Skill
		Advance Level Students: All Chords Circles	To enable the students to- Learn balancing and controlling speed	Students will be able to- Perform on different Stages
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Learn new aspects and presentation	Students will be able to- Perform on different Stages

Subject:- Melody

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	April -2024	Introduction of Scale . Scale Practice on Keyboard	To enable the students to- Enhance their Music Skills	Students will be able to- Enhance their music skills
2	June-2024	Introduction of Scale . Scale Practice on Keyboard	To enable the students to- Learn how To play music	Students will be able to- Know how to play music
3	July-2024	Preparation for Assembly Prayer and Songs	To enable the students to- Enhance their Music Skills	Students will be able to- Enhance their music skills
4	August-2024	Major- Minor Scales on Keyboard	To enable the students to- Learn how To play music	Students will be able to- Know how to play music
5	September-2024	Major-Minor Chords on Keyboard	To enable the students to- Enhance their Music Skills	Students will be able to- Enhance their music skills
6	October-2024	Accompanying with Songs . Rhythm	To enable the students to- Enhance their Music Skills	Students will be able to- Enhance their music skills
7	November-2024	Preparing for Presentations . Annual Function	To enable the students to- Perform On Different Stages	Students will be able to- Perform on different stages
8	December-2024	Preparing for Presentations - Graduation Ceremony, Snehanjali	To enable the students to- Enhance their Music Skills	Students will be able to- Enhance their music skills
9	January-2025	Revision		
		Preparations For Graduation Day / Snehanjali Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Perform On Different Stages	Students will be able to- Perform on different stages
10	February-2025	Revision of Previous syllabus		

Subject:- Percussion

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	April-2024	Basic Exercise of hand Control, Finger Control & Stick Control	To enable the students to- Perform on Different Stages	Students will be able to- Perform on different stages
2	June-2024	Introduction of Rudiments for Hand & Sticks	To enable the students to- Enhance their Music Skill	Students will be able to- Enhance their music skills
3	July-2024	Recognition of Different Tones	To enable the students to- Enhance Their Music Skill	Students will be able to- Enhance their music skills
4	August-2024	Basic Patterns of Slow Rock, Waltz & Disco	To enable the students to- Learn how to play music	Students will be able to- Know how to play music
5	September-2024	Introduction of Paradiddles	To enable the students to- Enhance Their Music Skill	Students will be able to- Enhance their music skills
6	October-2024	Introduction of North Indian Styles Syllable Structure (Theka of Taal)	To enable the students to- Learn how to play music	Students will be able to- Know how to play music
7	November-2024	Introduction of Carnatic Rhythm Style	To enable the students to- Enhance Their Music Skill	Students will be able to- Enhance their music skills
8	December-2024	Advance Rudiments ,Revision of previous exercise	To enable the students to- Enhance Their Music Skill	Students will be able to- Enhance their music skills
9	January-2025	Revision		
		Preparations For Graduation Day / Snehanjali Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Perform on Different Stages	Students will be able to- Perform on different stages
10	February-2025	Revision		
		Preparations For Inter House, Inter School & Other Competitions	To enable the students to- Perform on Different Stages	Students will be able to- Perform on different stages

Subject:- Classical Dance

S.No.	Month/Week	Lesson to be taught	Learning Objectives	Learning Outcomes
2	April -2024	Rama vanadana Footwork	To enable the students to: Learn regular Footwork Exercises	Students will be able to - make moves light footed
3	June-2024	Preparation for Foundation day	To enable the students to: Demonstrate Dance for the Event	Students will be able to - perform on stage , facing the audience and give presentation
4	July-2024	Patriotic Dance- Semi classical	To enable the students to: Prepare for Theme Based Dance	Students will be able to - Perform for Independence Day
5	August-2024	UdbhavUtsav Preparation /Krishna vanadana	To enable the students to: Perform the International Dance Event	Students will be able to - Present on Big Stages
6	September - 2024	UdbhavUtsav Preparation	To enable the students to: Perform the International Dance Event	Students will be able to - Perform on Big Stages
7	October -2024	UdbhavUtsav Preparation	To enable the students to: Perform the International Dance Event	Students will be able to - Perform on Big Stages
8	November- 2024	Annual Function	To enable the students to: Demonstrate the ability to create choreography for public presentation	Students will be able to - Perform on stage , facing the audience .
9	December - 2024	Graduation Ceremony and Snehanjali	To enable the students to: Demonstrate the ability to create choreography for public presentation	Students will be able to - Perform on stage , facing the audience.
10	January=- 2025	Graduation Ceremony and Snehanjali	To enable the students to: Demonstrate the ability to create choreography for public presentation	Students will be able to - Perform on stage , facing the audience .
11	February- 2025	Revision of all Previous Syallbus	It enable the students to- Practice learnt all the previous styles	Students will be able to- Practice all the styles and perform in class

Subject:- Folk Dance

S.No.	Month/ Week	Lesson to be taught	Learning Objectives	Learning Outcomes
1	April-2024	Chhau dance form, Patriotic theme based Hip-hop dance	To enable the students to- Understand clarity of movements in Chhau, and Western dance	Students will be able to- Enhance their skill for Chhau dance Learn a Hip-hop dance choreography for performance purpose
2	June-2024	Preparation for Foundation day	To enable the students to: Demonstrate Dance for the Event	Students will be able to - perform on stage , facing the audience and give presentation
3	July-2024	Patriotic theme contemporary dance, Haryanvi dance form	To enable the students to- Understand various dance styles	Students will be able to- Understand how to depict same emotion through different movements of different styles Learn a new dance form and it's basics
4	August-2024	Practice for of all previous styles	To enable the students to- Practice for patriotic dances, Chhau dance and Haryanvi dance	Students will be able to- Clear their doubts and enhance their skill for performances
5	September - 2024	Preparation for Udbhavutsav (Chhau dance), Jazz dance form basics	To enable the students to- know the advanced level of Chhau dance, basics of Jazz dance form	Students will be able to- Learn difficult movements of Chhau dance form and they will be selected for Udbhavutsav on the basis of class performance, Learn a new dance form which will be used in annual function
6	October-2024	Preparation for UdbhavUtsav and Annual Function	To enable the students to- Learn Chhau dance, Haryanvi Dance, Hip hop dance, Jazz dance	Students will be able to- Learn various styles and perform on stage
7	November- 2024	Preparation for Annual function	To enable the students to- Learn Chhau dance, Haryanvi Dance, Hip hop dance, Jazz dance	Students will be able to- Learn various styles and perform on stage

8	December-2024	Patriotic theme free style dance	To enable the students to- Theme based dance form with more expressions	Students will be able to- Perform on Republic Day
9	January-2025	Freestyle dance for Snehanjali	To enable the students to- Learn Freestyle dance	Students will be able to- Enhance their choreography skills Create their own steps on any random music
10	February-2025	Practice of previous styles	To enable the students to- Practice learnt all the previous styles	Students will be able to- Practice all the styles and perform in class

Subject:- Swimming

S.No.	Month/ Week	Skill to be Developed	Learning Objectives
1	March 2024	General warm up(Running, stretching ,jumping jack, normal jump)	Students will able todevelop Endurance, speed and strength.
		Basic skills (Floating and leg actions hold kick board, breathing exercise, working in pool, arm action, balancing on water body.	Student will learn the basic swimming.
		Rules(yoga)	Students will able to Improve breathing strength
2	April 2024	General warm (Exercise, arm movement, Standing jump)	Students will able to improve their agility, flexibility
		Basic skills (Holding kick ,breathing hold, basic swimming with safety, arm action Improvement, kick improvement with kick board)	Students will able toimprove Freestyle stroke.
3	June 2024	General warm (Exercise, jumping jack, zigzag running, shuttle running)	Students will able to Breathing improvement. Body language change.
		Basic skills (full stroke, free style open swimming ,skills improvement, start block practices)	Students will able to Sprints improvement for building their confidence level.
		Rules, yoga	
4	July 2024	Generalwarmup (Exercise, arm movement, high jump, stretching)	Students will able to develop agility, flexibility andendurance
		Basic skills (Kick board with kicking ,breathing hold, basic swimming with safety)	Students will able to Improvement breathing hold, improvement stoke.
		Rules, yoga	
5	August 2024	General warm up (Jumping jacks ,zigzag running, shuttle running)	Students will able to improve Strength and flexibility.

		Basic skills (free style open swimming ,start block practices, sprint)	Students will able to Sprints improvement for building their confidence level
		Rules, yoga	
6	September 2024	General warm up (balance body, starch legs, pushups)	Students will able to Improve strength
		Basic skills (start and turn, sprints, preparation for next level- breast stroke.	Students will able to Improve stokes, build confidence for next level.
		Rules, yoga	
7	October 2024	General warm up (Jumping jacks ,push-up, shuttle running, stretching)	Students will able to develop agility, flexibility ,endurance and strength
8		Basic skills (full stroke, free style, back stroke practices.)	Students will able to Skill improvement.
9	November 2024	Generalwarm-up (push-up, stretch body, shuttle running, Sit up jump.)	Students will able to build agility, flexibility, endurance, speed and strength.
10		Basic skills (free style, back stroke, stroke improvement skills, breast stroke.)	Students will able to Improvement skill, next level practices.
11	December 2024	Generalwarm-up, stretch body, push-up, single leg stretch, jumping jacks, normal jump.	Students will able t build agility, flexibility, endurance, speed and strength improvement.
12	January 2025	Basic skills (free style, back stroke, breast stroke improvement. butterfly stroke, and summersault.	Students will able to Improvement skill, next level practices. ready for Tournament

Subject:- Volleyball

S.No.	Month/Week	Skill to be Developed	Learning Objectives	Learning Outcomes
1	March 2024	Basic rules and skills of volleyball	will able to learn Hand Students Position for serving and forearm pass	
		How to toss the ball for under arm service fore arm pass		Students will be able to toss the ball properly for under arm service and able to pass the ball and able to serve ball properly
2	April 2024	Tossing the ball for service and hitting the ball Forearm Pass Shuffle Off	Students will be able to toss the ball properly and hit the ball for service as well as for pass	Students will be able to hit the ball in positive direction
3	June 2024	Passing Lane	Students will be able to pass ball with forehand	Students will be able to hit the ball with proper forearm position
4	July 2024	Raining Days Program (Specific Exercise and WarmUp)	Students will able to build Agility, Flexibility, Endurance, Speed and Strength	Students will improve physical fitness
5	August 2024	Specific warm drills for forearm passing	Students will be able to Practice with Hurdles, agility Ladders, Cones	Students will able to increase their explosive strength
6	September 2024	Forearm passing in pre-defined position and passing the ball to the team mate	Students will be able to pass more accurately, practice with cones	Students will be able to pass the ball to front direction and side directions
7	October 2024	Overhead Pass: Body position and knees, Hands and arms, Follow through. shadow skills and with ball match practice intramural tournament	Students will be able to give overhead passes and handle the match temperament	Students will be able to give overhead pass or able to cross the ball using overhead pass and lifting skills

8	November 2024	Hit 'N Run pass the ball and run fore arm pass over head pass under arm serve and over arm serve	Students will be able to pass the ball in specific directions	Students will be able to give forearm pass while in body is in motion able to serve under and over arm and pass overhead
9	December 2024	fore arm pass over head pass under arm serve and over arm serve	Students will be to demonstrate proper body position and technique with underhand and overhand serves.	Students will be able to do under arm service and overhead and forearm passes
10	January 2025	Intramural Competition	Students will be able to play mass participation and play interhouse competition	Students Will be able to play interhouse competition
11	February 2025	Practice Matches	Students will be able to play practice matches	Students will be able to play practice matches.

Subject:-Roll Ball & Skating

S.No.	Month/ Week	Skill to be Developed	Learning Objectives	Learning Outcomes
1	March 2024	Easy technique of wearing skates rules of the game (only for beginners) Balancing and walking with skates	Students will be able to acquaint about the game and balance with skates.	Students will be able to learn the rules of the game. They will be able to play under rules and regulations
2	April 2024	walking with skates	Students will be able to learn basic steps	Students will be able to walk with skates
3	June 2024	Rolling with skates	Students will be able to roll with skates	Students will be able to roll with skates and learning basic skills
4	July 2024	Raining Days Program (Specific Exercise and Warm up),Walking with skates/Rolling with Skates	Students will be able to build Agility, Flexibility, Endurance, Speed and Strength	Students will be able to develop their fitness
5	August 2024	BALL HANDLING SKILLS Dribble Ball Around: Waist Right Leg, Left Leg Walk (Dribble): with skates Tournament practice/Shooting practice	Students will be able to learn the ball handling skills and shooting practice	Students will be able to hold the ball with proper grip and run with skates
6	Sept. 2024	T-Break and hockey break with ball and match practice.	Students will be able to stop and hold the ball and skates	Students will be able to learn how to control the ball.
7	Oct.2024	Turning and crossing with skates "PASSING Receiving Passes, Bounce Pass and match practice and zigzag, dynamic and static stretching.	Students will be able to pass the ball and receive the ball properly	Students will be able to pass and receive the ball accurately
8	Nov. 2024	Backward skating	Students will be able to do backward skating	Students will be able to do backward skating
9	Dec. 2024	Friendly matches intramural and skill	Friendly matches intramural and skill	Friendly matches intramural and skill
10	January 2025	Practice matches	Students will be able to play practice matches	Students will be able to play practice matches and mass participation.

Subject:- Cricket

S.No.	Month/ Week	Skill to be Developed	Learning Objectives	Learning Outcomes
1	March 2024	Basic skills of Cricket	Hand Position and Body Language	Students will be able to do stances and improve their Bat Grip
2		Batting Stance, Bat Grip	Bat	
3	April 2024	Front Foot Defense, Back Foot Defense, Standing Position	Bat and Batting Cones	Students will be able To Improve Front Foot Defense and Back Foot Defense
4	June 2024	Fielding Drills (Short Catching, Fielding, Throwing)	Ball, Stump	Students will be able To Improve Short Catching and Reflexes
5	July 2024	Raining Days Program (Specific Exercise and Warm up)	To build Agility, Flexibility, Endurance, Speed and Strength	Students will be able To increase their Speed, flexibility, Strength, Agility and Endurance
6	August 2024	Specific Warm up, Batting Drills and Fielding Drills	Practice with Hurdles, agility Ladders, Cones and Hanging Balls	Students will be able To Improve their Batting Shorts and Fielding Actions
7	September 2024	Net Practice, Knocking, Catching,	Control Hand Position Eyesight and Reflexes	Student will learn the Ball to Ball Playing (According to ball)
8	October 2024	Match Temperament and Friendly Matches	Trained them for TOURNAMENT	Students will be able To build their Confidence level
9	November 2024	INTRAMURAL LEAGUE TOURNAMENT	Improve Match Temperament	Students will be able To Increase their confidence level and Prepare them for the Competition
10	December 2024	Two Team Practice and Two Team Matches	Overall Participation and Observation Of Skills	Students will be able To Analyze the Level of Player

	January 2025	INTRAMURAL LEAGUE TOURNAMENT	Improve Match Temperament	Students will be able To Increase their confidence level and Prepare them for Competition
11		Two Team Practice and Two Team Matches	For Increasing the Skills	Students will be able to Observe the quality, Build the Sportsmanship and Encourage for the best
12	February 2025	INTRAMURAL LEAGUE TOURNAMENT	To Judge their Overall Performance	Students will be able To Brush up on their Skills and make them ready for the AGE-GROUP selection
		Strength and Weak Point Analysis and Drill, Net Practice and Shadow Practice		

Subject:-Badminton

S.No.	Month/Week	skill to be developed	learning objective	Learning Outcomes
1	March 2024	The purpose of this lesson is to introduce the: • sport of badminton; • backhand “thumb” grip and forehand “v” grip; • importance of reach	students will be able to • describe what badminton is like; • demonstrate two grips used in badminton;	Students will be able to make a grip of the racket properly
2	April 2024	The purpose of this lesson is to: • introduce the use of chasse steps as a method of moving; • develop grip changing skills.	students will be able to Perform chasse steps and moving pattern	Students will be able develop grip changing skills.
3	June2024	Net play lunging stability and balance.	Students will be able to do net practice and balance skills	Students will be able will be able to learn balancing skills
4	July 2024	Raining Days Program (Specific Exercise and Warm up) Shuttle Run /Air toss	Students will be able to Build Agility, Flexibility, Endurance, Speed and Strength	Students will be able To improve their physical fitness
5	August 2024	Specific WarmUp, Shuttle run and Shuttle throw /Air toss with shuttle and balloons.	Students will be able to practice with shuttles and balloons.	Students will be able To Improve their physical fitness with shuttle run.
6	September 2024	Serve and Rally	• Students will be able to perform a backhand short serve; • progress towards a rally situation	Students will be able To demonstrate a backhand short serve; • rally in the front court.
7	October 2024	Backhand Lift/ Air Toss	Students will be able to perform front court backhand lift.	Students will be able to learn backhand lift.
8	November2024	Forehand Lift/ Air Toss	Students will be able to front court forehand lift; • forehand high serve.	Students will be able To serve high serve and forehand serve
9	December 2024	INTRAMURAL LEAGUE TOURNAMENT	Students will be able to know about Improve Match Temperament	Students will be able to Increase their confidence level and prepare them for the Competition
10	January 2024	Match practice	Overall Participation and Observation of Skills	ToAnalyze the Level of Player

11	February 2025	Court Session and match practice	Students will be able to play match session	Students will be able to play mass participation and improve their match temperament.
----	---------------	----------------------------------	---	---

Subject:- Basketball

S.No.	Month/Week	skill to be developed	learning objective	Learning Outcomes
1	March 2024	To introduce ball handling and dribbling skills; jump stops and pivots; and a few rules of basketball.	Students will be able to know the rules of basketball	Students will be able to gain knowledge about basketball rules
2	April 2024	BALL HANDLING SKILLS Dribble Ball Around: Waist Right Leg Left Leg Walk (Dribble):	Students will be able to handle the ball	Students will be able to perform the and handle the ball properly
3	June 2024	DRIBBLING (10 minutes) 1. Basic Techniques Knees well bent Dribble Knock-Out	Students will be able to dribble with different style technique	Students will be able to perform dribble actions properly
4	July 2024	PASSING Receiving Passes, Bounce Pass	Students will be able to learn passing in basketball	Students will be able to perform 3 man passes and team passing
5	August 2024	To continue with ball handling and dribbling skills; jump stops and pivots; and introduce a number of passing drills.	Students will be able to learn the jump stops and pivots	Students will be able to perform jump shots.
6	September 2024	To continue with ball handling and dribbling skills; jump stops and pivots; and introduce the fundamentals of a lay-up.	Students will be able to learn different dribble and layups	Students will be able to perform different dribble
7	Oct 2024	LAY-UPS , SHOOTING	Students will be able to perform lay ups shot	Students will be able to perform layups shoot
8	Nov 2024	JUMP STOP, PIVOT, & TRIPLE THREAT POSITION	Students will be able to learn jump stop Shooting action	Students will be able to perform the skills of basketball
9	Dec 2024	Ball Handling with passes and dribbling skills	Students will be able to play passes and dribbling	To improve performance level of dribbling
10	January 2025	Intramural Competition	Interhouse Competition	Students will be able to play interhouse



				competition with mass Participation
--	--	--	--	-------------------------------------