



ARMY PUBLIC SCHOOL CLEMENT TOWN

SPLIT UP SYLLABUS

CLASS VIII

SESSION 2024-2025

ASPIRING EXCELLENCE

PRESERVING VALUES

SHAPING DREAMS

SUBJECT – ENGLISH CLASS - VIII

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
TERM 1 (April – September)	MEA-I	April	The Best Christmas Present in the World (Honeydew- Prose)	<ul style="list-style-type: none"> To understand the importance of global peace and harmony. To narrate an event sequentially. Use of phrasal verbs 	<ul style="list-style-type: none"> Story Telling Write a diary entry on- The best Christmas present you have got so far. Describe the significance of humanity and peace even during the war. 	Discussion, Q/ Ans. Worksheet- Extract Based, Dictation, Class Test	30% of entire syllabus

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			The Ant and the cricket (Honeyde w-Poem)	<ul style="list-style-type: none"> To recognize and classify the genre of a fable. Relate this particular fable to real life experiences. To understand the Importance of time management. To know more about literary devices used in the poem. 	<ul style="list-style-type: none"> Poem Recitation Making a comic strip of the poem Dramatization of the poem. Converting a poem into story. 	Extract Based, Dictation, Class Test	
			Diary Entry (Writing)	<ul style="list-style-type: none"> Format learning. Development of creative ideas, expression and the art of documenting events and facts. Enabling personal reflection and refining self- expression. 	<ul style="list-style-type: none"> Practicing few examples of diary entries. Mind Map 	Discussion Assignment	

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
			How the camel got his hump (It so happened.... Prose)	<ul style="list-style-type: none"> To learn the importance of mutual help, co-operation and act wisely. Vocabulary enrichment. Reading comprehension. 	<ul style="list-style-type: none"> Story Telling Comic Strip Character sketch Writing 	Work Sheet- Extract Based Q/ Ans. (Short, Long, VBQ's), Dictation,	
		May	The Tsunami (Honeydew- Prose)	<ul style="list-style-type: none"> To be aware about the natural calamities and disaster management. To learn to think beyond the text. 	<ul style="list-style-type: none"> Story Telling Making a list of the most devastating natural calamities of the world. Name the country and the year. Write an article on 'Disaster Management' 	Making a list of the most devastating natural calamities of the world. Name the country and the year. Write an article on 'Disaster Management' .	
			Geography Lesson (Honeydew - Poem)	<ul style="list-style-type: none"> To understand the central idea and theme of the poem. To be aware of the geographical aspects of the earth. 	<ul style="list-style-type: none"> Poem Recitation Making a poster on- Global peace and harmony. 	Work Sheet- Extract Based MCQ's Q/ Ans. (Short, Long, VBQ's), Dictation, Class Test	

				<ul style="list-style-type: none"> Development of critical thinking. 			
			Modals (Grammar)	<ul style="list-style-type: none"> To know the different kinds of modal verbs and their correct application in sentences. To be able to explain how changing modals can change the meaning of a sentence. 	<ul style="list-style-type: none"> Experiential Learning- Agony Aunt Activity: Students will work in pairs, one playing the role of a confused child and the other will enact the wise aunt. Choosing the correct modal verb to complete the sentences. 	Worksheet Quiz	
	PT- 1 Max M:40 (Weightage - 5 m)	July	Verbs (Grammar)	Knowing different kinds of verbs and their usage in day-to - day conversation and writing and thereby enhancing their use in language	<ul style="list-style-type: none"> Completion of grammatical exercises & Identification of regular and irregular verbs 	Class Test Worksheet Quiz	
			Tenses (Grammar)	<ul style="list-style-type: none"> To clarify the idea of when a particular action takes place. To demonstrate correct usage of different verbs 	<ul style="list-style-type: none"> Newspaper activity: Underline the verbs and identify the tense of the verb on any particular topic 	Quiz Work Sheet	

				relating to different time periods.			
			Formal Letter Writing	<ul style="list-style-type: none"> To learn the format and style of official communication and the specific language used 	<ul style="list-style-type: none"> Write a formal letter to the editor of any newspaper regarding any social issue, Mind Map 	Discussion Assignment	
		August	The Selfish Giant (It so happened... Prose)	<ul style="list-style-type: none"> To sensitize the children as social beings and their need to be social, kind and helpful towards other children. To develop the power of expression by using suitable adjectives. 	<ul style="list-style-type: none"> Story Telling Write an imaginary conversation between the giant and the little boy towards the end of the story. 	Q/ Ans. (Short, Long, VBQ's) Work Sheet- Extract Based, Dictation, Class Test	
			Bepin Chaudhary's Lapse of Memory (Honeydew- Prose)	<ul style="list-style-type: none"> To understand the truth that freedom and happiness in life are more important than money, power and external beauty. 	<ul style="list-style-type: none"> GD on 'Should we do pranks just for the sake of fun?' 	Work Sheet- Extract Based Q/ Ans. (Short, Long, VBQ's), Dictation, Class Test	
			The Last Bargain (Honeydew - Poem)	<ul style="list-style-type: none"> To understand the truth that freedom and happiness in life are more 	<ul style="list-style-type: none"> Enactment of the poem. 	Work Sheet- Extract Based	

				important than money, power and external beauty.		Q/ Ans. (Short, Long, VBQ's), Dictation, Class Test	
			Descriptive Paragraph Writing (about a person)	<ul style="list-style-type: none"> To provide the reader with a detailed account of a person including the physical features and characteristics. Enhancement of expression and language enrichment. 	<ul style="list-style-type: none"> Descriptive paragraph writing about any famous personality based on the given clues. 	Discussion Assignment	
			Subject-Verb Agreement (Grammar)	<ul style="list-style-type: none"> To frame grammatically correct sentences by understanding the agreeable relationship between subjects and verbs. 	<ul style="list-style-type: none"> Completion of grammatical exercises related to this topic. Playing a game based on subject - verb concord. 	Work Sheet Quiz	
	PT- II (Half Yearly Exam) M.M:80 (Weightage: 80 m)	September	The Summit Within (Honeydew-Prose)	<ul style="list-style-type: none"> To understand the idea of how having an iron will, strong determination, resilience and perseverance can help to achieve our goals. 	<ul style="list-style-type: none"> Food for thought- How does the story help you to develop your character. PPT- 'Is scaling the Everest worth the risk of death?' 	Discussion Work Sheet- Extract Based VBQ'S, Dictation, Class Test	50 % OF Entire Syllabus

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
			The Treasure Within (It so happened.... Prose)	<ul style="list-style-type: none"> To nurture our own interests, passion and talent and pursue them as our career choice. 	<ul style="list-style-type: none"> SPEAK YOUR MIND: It's better to fail than to cheat and pass. 	Work Sheet- Extract Based Flow Chart Q/Ans. (Short, Long, VBQ's), Dictation, Class Test	
			The school Boy (Honeydew-poem)	<ul style="list-style-type: none"> To make a connection with nature and getting space in life for holistic growth and development of a child 	<ul style="list-style-type: none"> Write a short poem/ paragraph -The school of my dreams. 	Worksheet- Extract Based Discussion, Dictation, Class Test	
			Article Writing (Writing)	<ul style="list-style-type: none"> Gaining reporting skills and articulating thoughts clearly. Enhancing reporting skills. 	<ul style="list-style-type: none"> Write an article on: The balance between work and pleasure. Mind Map 	Discussion Assignment	
TERM II Oct- to Mar		October	Princess September (It so happened.... Prose)	<ul style="list-style-type: none"> To realise the truth that holding good values and being close to nature are always rewarding. To value everyone's freedom. 	<ul style="list-style-type: none"> Group discussion on: What the students learn from the story and how would they apply the moral in their life? 	Discussion VBQ'S Work Sheet- Extract Based, Dictation, Class Test	35% OF TERM- 2 SYLLABUS

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
			The Fight (It so happened- Prose)	<ul style="list-style-type: none"> To follow the idea that mutual respect and understanding bridge the gap and help to resolve any disagreements in life. 	<ul style="list-style-type: none"> WORD WEB: Ranji and Suraj – their good and bad qualities 	Worksheet- Extract Based Discussion, Dictation, Class Test	
			This is Jody's Fawn (It so happened... - Prose)	<ul style="list-style-type: none"> To keep a balance in the human world and the animal world with empathetic approach. 	<ul style="list-style-type: none"> Story Telling A group discussion on- Nothing in this world comes free. 	Discussion, Quiz, Q/Ans. Work Sheet- Extract Based Dictation, Class Test	
			Reported Speech (Statement and commands & request)	<ul style="list-style-type: none"> To differentiate between two forms – Direct Speech and Indirect Speech. To maintain the tone and the mood of the speaker appropriately. To familiarize with the rules related to time and pronoun. 	<ul style="list-style-type: none"> Working in pairs to understand how the same sentence can be said in the direct and indirect speech. Concept Map 	Discussion Work Sheet	

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
		November	Active – Passive Voice (Grammar)	<ul style="list-style-type: none"> To be familiar with the rules and the changes related to the topic. 	<ul style="list-style-type: none"> Completion of grammar book exercises 	Discussion Quiz Work Sheet	
	<p>PT III</p> <p>Max M:40</p> <p>(Weightage- 5 m)</p>		Reported Speech: Questions (Grammar)	<ul style="list-style-type: none"> To maintain the tone and the mood of the speaker appropriately by using the most suitable verbs. To familiarize with the rules of time and pronoun. 	<ul style="list-style-type: none"> Completion of grammar book exercises. Concept Map 	Discussion, Quiz, Work Sheet	
		December	Jalebis (It so happened Prose)	<ul style="list-style-type: none"> To realise the importance of honesty and sincerity. To realise that God helps those who help themselves. To develop their imaginative skill 	<ul style="list-style-type: none"> Narrate any incident where you are tempted to do something but it is incorrect and your conscience is restraining you from doing it or if you have ignored it, what consequences did you face? One Act Play. 	Discussion, Q/ Ans. Work Sheet- Extract Based Dictation Class Test	

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
			Clauses & Phrases (Grammar)	<p>To know about the three kinds of clauses.</p> <ul style="list-style-type: none"> To transform the sentences from simple to complex and vice versa. 	<ul style="list-style-type: none"> Identify the difference between phrase & clause. Exercise based on transformation of sentences. Concept Map 	Discussion, Quiz, Work Sheet	
			Descriptive Paragraph Writing – Event (Writing)	<ul style="list-style-type: none"> To provide the reader with detailed account of an event including the time, location and the significance. Enhancement of expression and language enrichment 	<ul style="list-style-type: none"> Descriptive paragraph writing- About a joyful event. Mind Map 	Discussion Assignment	

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		January	A short Monsoon Diary (Honeydew- Prose)	<ul style="list-style-type: none"> To be observant about the changes in nature and appreciate the beauty 	<ul style="list-style-type: none"> Story Telling Watch the movie 'The Blue Umbrella' based on a story of Ruskin Bond and write its movie Review. 	Discussion, Q/ Ans., Work Sheet- Extract Based Dictation Class- Test	
			On the Grasshopper and Cricket(Honeydew Poem)	<ul style="list-style-type: none"> To understand the poet's style of writing a sonnet and the rhyme and rhythm of the poem. To analyze the poet's observation on the variation of beauty of earth during summer and winter. 	<ul style="list-style-type: none"> Story Telling Find the central theme and the message of the poem and narrate in class Compare and contrast the use of symbolism used in the poem 'The Ant and the Cricket' & 'On the Grasshopper & the Cricket.' Recitation 	Discussion, Quiz, Q/ Ans., Class Test, Dictation, Work Sheet- Extract Based	

	Annual Examination Max M:80 (Weightage: 80 m)	February	Revision For Annual Exam	30% OF TERM-1 AND ENTIRE SYLLABUS OF TERM 2 Term 1: A) The Treasure Within. B) The Tsunami & Geography Lesson C) Bepin Chaudhary 's Lapses of Memory & The Last Bargain D) Grammar: Tenses Subject-verb Agreement Reported Speech Writing: Diary entry
		March	Annual Exams	

HINDI

क्रम संख्या	पाठ/प्रकरण	माह	पाठसहगामी गतिविधियां	मुख्यकौशल/कलएकीकरण/अंतः विषय	जीवनकौशल	स्रोत	कार्य भार /मूल्यांकन /परिचर्चा (गृह कार्य /कक्षा कार्य)
1	<p>प्रोजेक्ट सेतु व्याकरण- संज्ञा ,सर्वनाम, विशेषण, प्रत्यय उपसर्ग पत्र लेखन, अनुच्छेद लेखन</p> <p>भारत की खोज- 1-अहमदनगर का किला</p>	अप्रैल	<p>वाद विवाद पठन एवं श्रवण समूह चर्चा</p> <p>मूल्यांकन</p> <p>यह चर्चा निबंध लेखन काव्य पाठ अनुच्छेद लेखन</p>	<p>अंग्रेजी</p> <p>सामाजिक अध्ययन</p> <p>सामाजिक अध्ययन</p>	<p>समस्या निवारण, तार्किक सोच आदर की भावना नैतिक आचार और सत्य निष्ठा मीडिया के प्रयोग का ज्ञान</p> <p>जीवन वृत्त तैयार करने का क्वेश्चन सामाजिक और सांस्कृतिक पहचान प्रेम और करना विचार मंथन</p>	<p>शिक्षण सहायक सामाग्री</p> <p>एन सी ई आर टी पाठ्य पुस्तक वीडियो लिंक</p> <p>https://youtu.be/xpnjDh7Aabc</p>	<p>मौखिक प्रश्न उत्तर एम एस फॉर्म पर कक्षा परीक्षा कार्यपत्रिका</p> <p>मौखिक प्रश्न उत्तर ध्वनि कविता का भावार्थ याद कीजिए और अपने शब्दों में कविता का सार लिखिए</p>

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2	वसंत- 1.लाख की चूड़ियां 2.बस की यात्रा भारत की खोज 2-तलाश व्याकरण- प्रत्यय,उपसर्ग	मई	वाचन एवं श्रवण, वाद विवाद, लघु नाटिका	अंग्रेजी सामाजिक अध्ययन	जीवन वृत्त तैयार करने का कौशल, सामाजिक और सांस्कृतिक शिष्टाचार, प्रेम और करुणा, विचार मंथन	https://youtu.be/P_GvbEiWhIY	मौखिक प्रश्न उत्तर यात्रा वृत्तांत अपने शब्दों में लिखें। एमएस फॉर्म पर कक्षा परीक्षा अभ्यास कार्य
3	वसंत- 3.दीवानों की हस्ती व्याकरण- संज्ञा ,सर्वनाम, विशेषण अनुच्छेद लेखन	जुलाई	<ul style="list-style-type: none"> • वाद विवाद • पठन एवं श्रवण • समूह चर्चा • मूल्यांकन 	*अंग्रेजी *सामाजिक अध्ययन	*सामाजिक और सांस्कृतिक शिष्टाचार श्रवण आंतरिक संप्रेषण विचार मंथन	https://youtu.be/e791OYXmgvk	मौखिक प्रश्न उत्तर कार्य पत्रकप्राचीन समय के लेखन पद्धति और वर्तमान समय की लेखन पद्धति में जो परिवर्तन हुआ है उस पर टिप्पणी कीजिए। एम एस फॉर्म पर + कक्षा परीक्षा

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4	<p>वसंत-</p> <p>4.भगवान के डाकिए</p> <p>5.क्या निराश हुआ जाए।</p> <p>भारत की खोज-3-सिंधु घाटी सभ्यता व्याकरण-क्रिया (सकर्मक और अकर्मक)</p>	अगस्त	<p>वाचन एवं पठन</p> <p>समूहचर्चा</p> <p>वाद विवाद</p> <p>अनुच्छेद लेखन</p>	<p>अंग्रेजी</p> <p>सामाजिक अध्ययन</p> <p>भूगोल</p>	<p>तार्किक सोच</p> <p>समस्या निदान</p> <p>ज्ञानार्जन की प्रवृति</p>	<p>https://youtu.be/WjvNuln1eE</p>	<p>कार्यपत्रक</p> <p>मौखिक प्रश्न उत्तर</p> <p>कक्षा परीक्षा</p> <p>अभ्यास कार्य</p>
5	<p>वसंत-</p> <p>6.यह सबसे कठिन समय नहीं।</p> <p>7- कबीर की साखियां</p> <p>व्याकरण-समरूपी भिन्नार्थक शब्द</p>	सितंबर	<p>वाचन एवं पठन</p> <p>समूहचर्चा</p> <p>वादविवाद</p> <p>अनुच्छेद लेखन</p> <p>मौखिकपरीक्षा</p>	<p>अंग्रेजी</p> <p>सामाजिक अध्ययन</p> <p>इतिहास</p>	<p>तार्किक सोच</p> <p>समस्या निदान</p> <p>ज्ञानार्जन की प्रवृति</p>	<p>https://youtu.be/s1eHbLRMU</p>	<p>✓</p> <p>सिंधु घाटी सभ्यता की विशेषता को बताएं?</p> <p>कार्यपत्रक</p> <p>मौखिक प्रश्नउत्तर</p> <p>अभ्यासकार्य</p>

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6	वसंत- 8- सुदामा चरित 9-जहाँ पहिया है भारत की खोज- 4.युगों का दौर व्याकरण-वाक्य रचना, पर्यायवाची शब्द पाठों का अभ्यास कार्य	अक्टूबर	वाचन एवं पठन समूह चर्चा अनुच्छेद लेखन वाद विवाद	। अंग्रेजी सामाजिक अध्ययन भूगोल	तार्किक सोच सामाजिक और सांस्कृतिक शिष्टाचार आंतरिक संप्रेषण	https://youtu.be/qvOtI82wEiY	कार्य पत्रक कबीर ने अपने लेखन में किन विषयों को रखा? व्याख्या कीजिए। मौखिक प्रश्न उत्तर अभ्यास कार्य
7	वसंत- 10-अकबरी लोटा 11-सूर के पद विलोम शब्द प्रथम सत्र हेतु पुनरावृत्ति	नवंबर	अभ्यासकार्य समूह चर्चा मौखिक परीक्षा लिखित परीक्षा	-----	*आत्मविश्वास नेतृत्व	विभिन्न गतिविधियों द्वारा पुनरावृत्ति अभ्यास https://youtu.be/auRaRtrDNN4	कार्यपत्रक मौखिक प्रश्न उत्तर कक्षा परीक्षा अभ्यास कार्य स्व अध्ययन

क्रम संख्या	पाठ/प्रकरण	माह	पाठसहगामी गतिविधियां	मुख्यकौशल/कलएकीकरण/अंतः विषय	जीवनकौशल	स्रोत	कार्य भार /मूल्यांकन /परिचर्चा (गृह कार्य /कक्षा कार्य)
8	वसंत-12-पानी की कहानी भारत की खोज-5-नई समस्याएं 6-अंतिम दौर एक व्याकरण-स्वर संधि ,कारक, अव्यय भेद सहित,	दिसंबर	सार्वजनिक वाचन लघु नाटिका	इतिहास अंग्रेजी साहित्य	पानी के महत्व उपयोग एवं संरक्षण की प्रेरणा। * इतिहास को जानने की उत्सुकता	शिक्षण सहायक सामाग्री एन सी ई आर टी पाठ्य पुस्तक और वीडियो https://youtu.be/auRaRtrDNN4	कार्य पत्रिका मौखिक प्रश्न उत्तर कक्षा परीक्षा स्वयं अध्ययन
9	वसंत-13 बाज और सांप भारत की खोज-7-अंतिम दौर दो 8-तनाव व्याकरण- *समास *मुहावरे *लोकोक्तियां	जनवरी	कहानी लेखन रंगीन कागज के द्वारा कलात्मक तरीके से मुहावरों की माला तैयार करना	अंग्रेजी साहित्य इतिहास	मिट्टी की उपयोगिता एवं संरक्षण में भागीदारी सिखाना। * राष्ट्रीयता और साम्राज्यवाद का ज्ञान प्रदान करना	शिक्षणसहायकसामाग्री एन सी ई आर टी पाठ पाठ्य पुस्तक और वीडियो https://youtu.be/xmQ3ZB3n3j0	मौखिक प्रश्न उत्तर *बाज और सांप पाठ के आधार पर दोनों पात्रों के चरित्र का चित्रण कीजिए

क्रम संख्या	पाठ/प्रकरण	माह	पाठसहगामी गतिविधियां	मुख्यकौशल/कलएकीकरण/अंतः विषय	जीवनकौशल	स्रोत	कार्य भार /मूल्यांकन /परिचर्चा (गृह कार्य /कक्षा कार्य)
10	भारत की खोज- दो पृष्ठ भूमियाँ व्याकरण- * पत्र लेखन (औपचारिक व अनौपचारिक) *अनुच्छेद लेखन	फरवरी	लघु नाटिका निबंध लेखन	अंग्रेजी साहित्य	भाषाकी शुद्ध व्यवहारिक अभिव्यक्ति में सक्षम	शिक्षणसहायकसा माग्री एन सी ई आर टी पाठ्य पुस्तक / वीडियो https://youtu.be/9KWz9lpouFw	*लिखित कक्षा परीक्षा *मौखिक अभिव्यक्ति *एक सफल राजा की विशेषताएं क्या होनी चाहिए लिखिए।
11	वार्षिक परीक्षा के लिए संपूर्ण पुनरावृत्ति	मार्च	लेखन कौशल पठन कौशल से संबंधित विभिन्न गतिविधियां ।	अंग्रेजी साहित्य	विनम्रता सहनशीलता राष्ट्रीयता कर्मठता	शिक्षण सहायक सामाग्री एन सी ई आर टी पाठ्य पुस्तक और वीडियो https://youtu.be/auRaRtrDNN4	*कार्य पत्रिका *प्रश्न उत्तर *अभ्यास कार्य *स्वयं अध्ययन *लिखित परीक्षा * मौखिक परीक्षा

MATHS

TERM	ASSESSMENT	MONTH	CHAPTER & SUB TOPICS	LEARNING OBJECTIVES	ACTIVITY	SYLLABUS COVERAGE
TERM I APRIL TO SEPTEMBER		April	Introduction to Rational Numbers	<ul style="list-style-type: none"> ➤ Define rational number. ➤ Cite examples of rational numbers. 	Venn Diagram on types of rational numbers https://youtu.be/RYht17Q-Gdw	
			1. Rational numbers Properties of Rational Numbers	<ul style="list-style-type: none"> ➤ Apply properties of additive and multiplicative identities of rational numbers ➤ Apply the properties of natural numbers, whole numbers and integers with respect to all the arithmetic operations and extend them for rational numbers. ➤ Apply Distributive property of multiplication over addition for rational numbers and simplifying sums. 		
			2. Linear equations in one variable Meaning of Linear Equation in one variable and its solution.	<ul style="list-style-type: none"> ➤ Identify the variable(s) and the highest power of the variable in a given algebraic equation and distinguish whether it is a linear equation in one variable or not. ➤ Substitute the given values of variable and verify whether it is the solution of the equation or not. 	To solve some linear equation in one variable using paper cut outs. https://youtu.be/oZsoDeNsTTk https://youtu.be/m6lGGJQO3qw	
			Solving Equations having the Variable on both Sides	<ul style="list-style-type: none"> ➤ Transpose terms to the other side in order to solve linear equations in one variable which have variable on both sides. 		
Reducing Equations to Simpler Form	<ul style="list-style-type: none"> ➤ Simplify the given linear equation in one variable and solve them. 					
		May	3. Classification of Polygons	<ul style="list-style-type: none"> ➤ List the properties of a polygon in order to classify the given figures as a polygon and the properties of 	To design a floor tile using	30% of Term-I

			Understanding Quadrilaterals		different types of polygons and classify them as regular or irregular, concave or convex.	types of quadrilaterals- TESSELLATION ART https://youtu.be/eLILFgY6OJA	
				Sum of the Measures of the Exterior Angles of a Polygon	➤ Apply exterior angle property of a polygon in order to find the measure of the unknown angle in a given figure		
				Kinds of Quadrilaterals	➤ List the properties of quadrilaterals in order to classify them as trapezium, kite and parallelogram		
				Some special Parallelograms	➤ Discuss the properties of a parallelogram, rhombus, rectangle, square.		
			4. Data handling	Circle graph or Pie Chart	List and execute steps of construction in order to construct a circle graph and read a given circle graph in order to infer a variety of information from it	Drawing Pie Chart based on real life applications https://youtu.be/rR0mcrTR-4	

PT-1 Max M:4 0 (Weightage 5m)	July	4. Data Handling (Continued)	Chance and Probability + Revision For PT-I	<ul style="list-style-type: none"> ➤ List all the possible outcomes of an experiment in order to define the equally likely outcomes ➤ List all the possible outcomes of an event in order to calculate the probability of a given event <p>Revision of chapters of PT – I</p>	Project:-List examples of following events from real life and their probability: 1.Possible but not certain Event 2.Sure/Certain Event 3.Complementary Events 4.Impossible Event https://youtu.be/7ZEyZJm3sLk
		5. Squares and Square Roots	Properties of Square Numbers	<ul style="list-style-type: none"> ➤ Define perfect squares in order to classify the given numbers as perfect squares or non-perfect squares ➤ Observe the number in order to find the unit place of its square, different number patterns in order to deduce square numbers ➤ Use the rule that there are exactly $2n$ non-perfect square numbers between the squares of the number n and $(n+1)$ in order to find how many numbers, lie between the squares of the given two consecutive numbers 	Calculating square of a given number using geometric pattern and verifying it numerically. https://youtu.be/VjBB2NrfG0Y
			Finding the Square of a Number	<ul style="list-style-type: none"> ➤ Use the rule that a perfect square number (n^2) can be written as the sum of first n odd natural numbers in order to distinguish between square and non-square numbers ➤ Finding Square Root by Repeated Subtraction Method ➤ Use Pythagoras theorem in order to find the Pythagorean triplet 	

		August	5. Squares And Square Roots (Continued)	Square Roots	<ul style="list-style-type: none"> ➤ Apply inverse operations on a given perfect square in order to deduce square root of this number ➤ Use method of repeated subtraction, prime factorization method and long division method in order to find the square root of the given square number. ➤ Use prime factorization method and long division method in order to find the smallest number to be operated (all the four arithmetic operations) on given number to get a perfect square and then find the square root of the new number 	1. Number Wheel of cubes 2. Cube root clock https://youtu.be/MeEiIzKdKU https://youtu.be/k4ItcI2ipPw	
				Square Roots of Decimals	<ul style="list-style-type: none"> ➤ Use long division method in order to find the square root of the given decimal number 		
				Cubes	<ul style="list-style-type: none"> ➤ Define perfect cube or cube number and classify the given numbers as cube numbers or non-cube numbers. ➤ Observe the properties of cube numbers. ➤ Use prime factorisation to determine whether the given number is a perfect cube or not and to find the smallest number to be operated (Multiplication or division) on a given number to get a perfect cube. 		
			Cube Roots	<ul style="list-style-type: none"> ➤ Use prime factorisation to find the cube root of a number. 			
			7. Comparing Quantities	Recalling Ratios and Percentages	Convert ratios to percentage in order to solve the given questions		
				Discount, Sales Tax, , VAT, Marked Price, Selling Price	<ul style="list-style-type: none"> ➤ Apply the formula for discount and discount percentage in order to solve the given problem on discount ➤ Calculate the tax and SP in given situations 		

		September	7. Comparing quantities (Continued)	Simple Interest and Compound Interest	<ul style="list-style-type: none"> ➤ Define and compare simple interest and compound interest and calculate the simple interest and compound interest in order to find the total amount to be paid by the debtor 	<ul style="list-style-type: none"> ● https://diksha.gov.in/play/content/dontent/do_3128813237218426881381?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 	30+20=50% of Annual Syllabus
PT II (Half Yearly Exam) Max M:80 (Weightage: 80M)			Applications of Compound Interest Formula	<ul style="list-style-type: none"> ➤ Applying formula of CI in different situations like increase or decrease in population, bacteria growth ,etc. 			
			Revision of Mid Term Exam	RevisionForMidTermExamination			

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
TERM-II OCT TO MARCH		October	8. Algebraic expressions and identities	Introduction	<ul style="list-style-type: none"> ➤ Define algebraic expressions, add or subtract the given algebraic expressions. 	Generalisation of identities using colour papers https://diksha.gov.in/play/content/do_31255361995358208022588?referrer=utm_source%3Dmobile%3D	
				Multiplication of Polynomials Algebraic Identities	<ul style="list-style-type: none"> ➤ Use rules of exponents and powers and multiply a monomial by monomial. ➤ Use distributive property of multiplication over addition and subtraction to obtain the product of a monomial and a binomial, a binomial and a binomial and in general a polynomial by a polynomial. ➤ Product using algebraic identities 		
		November	9. Mensuration	Area of plane figures	<ul style="list-style-type: none"> ➤ Calculate area and perimeter of circle, square, rectangle, triangle, trapezium, rhombus, polygon in order to calculate area and perimeter of adjoint shapes 	Making net solids and deriving the surface area of those solids https://youtu.be/6epyKmNgL18	
			Surface Area of Cube, Cuboid and Cylinder	<ul style="list-style-type: none"> ➤ Calculate the surface area of a cube, cuboid and cylinder to determine the cost of painting/covering their surface 			

				Volume of Cube, Cuboid and Cylinder	<ul style="list-style-type: none"> ➤ Calculate the volume of a given cuboid, cylinder in order to determine the time taken to fill it with a liquid at a given rate 		
			10. Exponents and Powers	Powers with Negative Exponents	<ul style="list-style-type: none"> ➤ Simplify powers with negative exponents in order to calculate the multiplicative inverse of a number 	To find the value of a^n (where a and n are natural numbers) using paper folding https://youtube.com/watch?v=lyHUIsC1op4&feature=share https://youtu.be/uEwOPEWocE	30% of Term-II
		Laws of Exponents		<ul style="list-style-type: none"> ➤ Give examples in order to show that is valid for all integer exponents. ➤ Apply the first law of exponents and principles of negative exponents in order to derive the rest of the laws of exponents ➤ Apply laws of exponents in order to simplify a given expression 			
		Express Small Numbers in Standard Form		<ul style="list-style-type: none"> ➤ Express very large and very small numbers in the standard form in order to compare and estimate quantities 			
	PT-III MM: 40 (Weightage – 5m)	December	11. Direct and Inverse Proportion	Direct proportion and Inverse proportion + Revision For PT-II	<ul style="list-style-type: none"> ➤ Examine situations in order to decide whether two quantities are proportional to each other or not ➤ Complete a given table showing two proportional quantities in order to answer questions based on them ➤ Convert the given statement on relationship (directly or inversely proportional) between two quantities into a table in order to identify the missing quantity and solve for its value 	Write daily life examples of: 1. Direct Proportion 2. Inverse Proportion http://youtu.be/kuvdMCDqmKg	
					<ul style="list-style-type: none"> ➤ Revision of PT-II Syllabus 		

			<p style="text-align: center;">12. Factorisation</p>	<p>Factors of algebraic expressions Method of common factors Factorisation using identities Division of Algebraic Expressions</p>	<ul style="list-style-type: none"> ➤ Express each term as a product of irreducible factors in order to find the common factors of the given terms ➤ Use the method of common factors in order to factorize the given algebraic expression ➤ Apply the standard algebraic identities in order to factorize the given algebraic expressions ➤ Use the common factor method in order to divide a monomial by a monomial, polynomial by a monomial and polynomial by a polynomial 	<p>Factorisation using paper cutting and pasting. https://diksha.gov.in/play/content/do_313080276253130752114309</p>	
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TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT / ASSESSMENT / DISCUSSION (CW/HW)	SYLLABUS COVERAGE	
		January	13. Introduction to graphs	A line graph Linear graph and Location of a point/coordinates Some applications	<ul style="list-style-type: none"> ➤ Draw a line graph in order to represent the given data that changes continuously over periods of time ➤ Interpret the given line graph in order to answer the given questions ➤ Plotting points on the graph to draw Linear Graph ➤ Construct the line graph in order to discuss the relationship between independent and dependent variables in a given mathematical situation 	Draw and analyze any real life example of Linear Graph https://youtu.be/IQBGH1IdDu0		
		February	Revision					
	ANNUAL EXAM Max M:80 (Weightage 80 m)	March	Annual Exam and Results			30% of Term-I + Entire syllabus of Term-II		

SCIENCE

TERM	ASSESSMENT	MONTH	CHAPTER & SUB TOPICS	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
TERM I APRIL TO SEPTEMBER		APRIL	Ch 1 - Crop Production and Management <ul style="list-style-type: none"> • Agricultural Practices • Basic Practices of crop production: <ol style="list-style-type: none"> i. Preparation of soil ii. Sowing iii. Adding manure and fertilizers iv. Irrigation v. Protection from weeds vi. Harvesting vii. Storage • Food from animals 	<ol style="list-style-type: none"> 1. Classify the major crops based on the seasons they are sown in the field to explain the months of Kharif and Rabi crops are cultivated. 2. Sequence the tasks involved in cultivating the crop to list major steps of agricultural practices. 3. Compare the advantages of agricultural implements used in agricultural field to justify the variety of agricultural practices. 4. Distinguish between manure and fertilizers to identify ways in which nutrients in soil is replenished. 5. Evaluate how weeds adversely affect the growth of plants and 	<ul style="list-style-type: none"> •Preparing a table or a chart on different irrigation practices and sources of water in different parts of India. • Preparing herbarium specimens of some crop plants and seeds • Activity to separate healthy seeds for sowing. •Activity to observe the effect of manure and fertilizer on the growth of seedlings. • Model on Green revolution or Modern Irrigation methods. • Visit a farm, nursery or a garden nearby to gather information on Agricultural Practices. 	<ul style="list-style-type: none"> •Worksheets. •NCERT Exercises. •Enrichment Exercises. 	

				<p>describe the process of crop rotation to explain ways in which nutrients in soil is replenished.</p> <p>6. Compare and analyze the traditional and modern methods of irrigation.</p> <p>7. Elaborate the process of harvesting and storage of grains.</p> <p>8. Identify commonly known food items based their sources to define animal husbandry.</p>			
	MA1	MAY	<p>Ch 2 – Micro-organisms : Friend and Foe</p> <ul style="list-style-type: none"> • Microorganisms • Where do microorganisms live? • Microorganisms and us • Harmful microorganisms • Food Preservation 	<ol style="list-style-type: none"> 1. Categorize and describe the comparative features of types of microorganisms. 2. Elucidate the reason for increasing volume when yeast is added to dough in baking industry to explain fermentation. 3. Define Pathogens and explain the role of antibiotics and vaccinations in fighting with diseases caused by microbes. 4. Describe how mosquitoes spread 	<ul style="list-style-type: none"> • To observe, sketch and study the various microorganisms (bacteria, algae, fungi, and protozoa) via permanent slides. • Activity to study the fermentation of sugar by yeast cells. • Activity to show the presence of microorganisms in moist soil. • Experiment to show fermentation of dough by yeast cells. • Role play: " Microbes 	<ul style="list-style-type: none"> • Enrichment exercises • NCERT Exercises • Worksheets. 	

			<ul style="list-style-type: none"> • Nitrogen fixation • Nitrogen cycle 	<p>malaria and dengue to explain the role of carriers in spreading communicable disease.</p> <p>5. List examples of diseases in humans, plants and animals caused by microorganisms in order to explain the harmful effects of microorganisms.</p> <p>6. List various methods of preserving food in order to demonstrate the restriction of growth of microorganisms.</p> <p>7. Illustrate the process of fixing the nitrogen back in soil to explain the role of microorganisms in increasing soil fertility and to balance the concentration of nitrogen back in atmosphere.</p>	<p>and Man"</p> <ul style="list-style-type: none"> • Clay model making of microbes. • To create a microbial zoo/museum. • To observe the growth of Rhizopus. 		
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TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
	PT-1 Max M: 40 (Weightage 5m)	JULY	Ch 3 - Coal and Petroleum •Coal •Petroleum •Natural Gas •Some natural resources are limited.	1. Classify natural resources based on their ability to replenish in order to distinguish between inexhaustible and exhaustible natural resources. 2. Describe the process of formation of coal to explain why coal is an exhaustible natural resources. 3. Classify different constituents of petroleum according to their use in daily life in order to describe various by products of petroleum. 4. Infer why gas, oil and water are found in particular sequence in location where petroleum is found in order to explain the differences in their densities. 5. List the useful by-products after processing	<ul style="list-style-type: none"> • Project: To make a report on the formation of fossil fuels and petroleum. • Activity to study exhaustible natural resources. • Activity to study destructive distillation of coal. • To mark the places in the outline map of India where coal, petroleum and natural gases are found. • To find out the locations of major thermal power plants in India. 	<ul style="list-style-type: none"> •Worksheets. •NCERT Exercises. •Enrichment Exercises. 	30% OF TERM 1 SYLLABUS

			<p>coal to explain that natural resources can be used to obtain useful products other than fuel.</p>				
			<p>Ch 4 - Combustion and Flame</p> <ul style="list-style-type: none"> • What is combustion? • How do we control fire? • Types of combustion • Flame • Structure of a flame • What is a fuel? • Fuel efficiency 	<p>1. Explain the process of combustion in order to describe the role of fuel and oxygen in the process as necessary conditions for combustion to take place.</p> <p>2. Compile and list the commonly known inflammable substances to explain that certain substances catch fire.</p> <p>3. Define ignition temperature and differentiate between types of combustion to assess rapid, spontaneous combustion and explosion.</p> <p>4. List the conditions necessary for producing fire to discover how combustible materials can be prevented from catching fire.</p> <p>5. Explain the different parts of flame in order to explain why goldsmiths blow the outer zone a flame to melt gold and silver.</p>	<ul style="list-style-type: none"> • Experiment to show that oxygen (air) is necessary for combustion. • Activity to find whether a given substance is combustible or non-combustible. • Activity to show that a combustible substance will not catch fire if its temperature is lower than its ignition temperature. • Activity to show that the outer zone is the hottest part of candle flame. • Activity to show the presence of unburnt carbon particles in the middle zone of candle flame. • Activity to show the presence of wax vapour in the dark inner zone of a candle flame. 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	

				<p>6. Compare the calorific value of commonly used fuel to examine fuel efficiency.</p> <p>7. List harmful by-products of burning fuel to be aware of its harmful effects on individuals and environment.</p>			
	MA- II	AUGUST	<p>Ch 5 - Conservation of Plants and Animals</p> <ul style="list-style-type: none"> •Deforestation and its Causes • Consequences of Deforestation •Conservation of Forest and wildlife •Biosphere Reserve •Flora and Fauna •Endemic Species •Wildlife Sanctuary •National Park •Red Data Book •Migration 	<p>1. List causes of deforestation to reflect on its rampant existence despite forest being essential to life.</p> <p>2. Describe the process of desertification and droughts to elaborate the consequences of deforestation.</p> <p>3. List the flora and fauna of various regions to describe the terms Endemic, Endangered and Extinct Species.</p> <p>4. Interpret the importance of Red Data Book to explain why keeping a track of endangered species is important.</p> <p>5. List some famous biosphere, wildlife sanctuaries and national parks to describe different mechanisms</p>	<ul style="list-style-type: none"> •Activity to identify and classify the animals and plants in the following categories: <ul style="list-style-type: none"> (a) Endangered animals and plants. (b) Endemic species. (c) Threatened but not endangered. (d) Extinct Species and to paste their pictures. • Activity to write a report on different organisations involved in conservation of wildlife. • Activity to locate the Wildlife Sanctuaries, National parks and Biosphere reserves of one's state on an outline map of India. • ICT Project : To prepare a power point presentation on the 	<ul style="list-style-type: none"> •Worksheets. •NCERT Exercises. •Enrichment Exercises. 	

			<ul style="list-style-type: none"> •Recycling Of Paper •Reforestation 	<p>and measures taken by government to protect and conserve forest and wildlife.</p> <p>6. Explain recycling and reforestation to describe ways to reduce deforestation.</p>	<p>distinct features of Endemic, Endangered and Extinct species of flora and fauna of one's geographical area.</p>		
			<p>Ch 6 - Reproduction in Animals</p> <ul style="list-style-type: none"> • Modes of Reproduction • Sexual Reproduction • Asexual Reproduction 	<p>1. Differentiate between asexual and sexual reproduction in order to list two modes of reproduction.</p> <p>2. Differentiate between sex cells corresponding to parents in order explain male and female gamete.</p> <p>3. Differentiate between Internal and External fertilization in order to describe two modes of fertilization in animals.</p> <p>4. Classify animals based on their ability to give birth or lay eggs to distinguish between Viviparous and Oviparous animals.</p> <p>5. Describe process of fertilization to explain zygote, embryo, and foetus formation to understand how an individual is formed inside mother's womb.</p> <p>6. Describe the life cycle of</p>	<ul style="list-style-type: none"> • To Study the Sexual reproduction in human beings using videos and models • Activity to study asexual reproduction in Hydra (budding) and Amoeba (binary fission) using permanent Slides. • Model making of human male and female Reproductive Systems. 	<ul style="list-style-type: none"> •Worksheets. •NCERT Exercises. •Enrichment Exercises. 	

				<p>frog from eggs to adult frogs in order to explain metamorphosis.</p> <p>7. Describe the process of reproduction in hydra and amoeba to explain the process of asexual reproduction</p>		
	<p>PT-II (HALFYEARLY EXAM) Max M: 80 (Weightage 80 m)</p>	<p>SEPTEMBER</p>	<p>REVISION</p>			<p>30 +20= 50% OF ANNUAL SULLABUS</p>

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	ASSIGNMENT/ ASSESSMENT/ DISCUSSION (CW/HW)	SYLLABUS COVERAGE
		OCTOBER	Ch 7 - Reaching the Age of Adolescence <ul style="list-style-type: none"> • Adolescence and Puberty • Changes at Puberty • Secondary Sexual Characters • Role of hormones in initiating reproductive functions. • Reproductive Phase of Life in humans • How is the sex of the baby determined? • Hormones other than sex hormones • Role of 	<ol style="list-style-type: none"> 1. Define adolescence and adolescent age in order to explain changes at puberty. 2. Enumerate different variations that take place in body at puberty to explain the effect of adolescence on changing human body. 3. Explain the effects and functions of hormones in the development of secondary sexual characteristics to illustrate growth during puberty. 4. Describe mensuration, menarche, and menopause to explain the reproductive phase of life in humans. 5. Illustrate the procedure for determining the sex of a baby to establish that sex of child is decided by chromosome from male gamete. 6. Elucidate the need for a balanced diet in order to explain the nutritional needs of adolescents. 	<ul style="list-style-type: none"> • Activity to Compare the average rate of growth in the heights of boys and girls with respect to age and predict the height of a boy/girl at the end of growth period and to Plot the data on a graph sheet • Group discussion on "Natural requirements during Adolescence". • Art prints or collage making on Reproductive Health. 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	

		<p>hormones in completing the life history of insects and frogs</p> <ul style="list-style-type: none"> • Reproductive Health <p>Ch 8 - Force and Pressure</p> <ul style="list-style-type: none"> • Force a Push or a Pull • Forces are due to an interaction • Exploring Force • A Force can change the state of motion • Force can change the Shape of an object • Contact Forces • Non- Contact Forces • Pressure • Pressure Exerted by Liquids and 	<p>7. Identify the harmful consequences of taking drugs to explain why drugs are not a solution to confused or insecure feeling during adolescence</p> <ol style="list-style-type: none"> 1. Classify common actions involving motion of objects as push or pull to define the term force. 2. Cite examples where force is being applied to explain that two objects must interact for force to come into play. 3. Analyse motion of an object when force is applied in same and opposite direction to infer that force in same direction add while forces in opposite directions subtract. 4. Illustrate with examples from daily life where an action causes change in movement or shape with and without contact between two 	<ul style="list-style-type: none"> • Activity to demonstrate that frictional force is a contact force. • Activity to demonstrate that magnetic & electrostatic forces are non-contact forces • Activity to show that pressure exerted by water at the bottom of the container depends on the height of its column. • Activity to show that pressure exerted by water increases with depth. • Activity to show that liquid pressure exerts equal pressure at the same depth • Activity to show the presence of atmospheric pressure. • Numerical based on force and pressure. 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	
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			<p>Gases</p> <ul style="list-style-type: none"> • Atmospheric Pressure. 	<p>objects in order to define contact and non-contact forces.</p> <p>5. Predict the motion and changes when force is applied to a body to explain that force can cause change in the state of motion and shape of objects.</p> <p>6. Derive the formula and calculate pressure for given force applied on a given area to explain the phenomenon of pressure acting on objects in daily life.</p> <p>7. Discover the direction of pressure applied by liquids when put in a container to infer that liquids exert pressure on walls of container.</p> <p>8. Demonstrate and calculate the atmospheric pressure exerted due to air column above a given area to establish that atmospheric pressure is exerted without us realizing it.</p>			
	MA III	NOVE MBER	<p>Ch-9: Friction</p> <ul style="list-style-type: none"> • Force of Friction • Factors 	<p>1. Analyze situations where resistance is felt while applying force to move a body to explain friction force.</p>	<ul style="list-style-type: none"> • Activity to study the force of friction depends upon the nature of the two surfaces in contact. • Activity to show that 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	30% OF TERM 2 SYLLABUS

			<p>affecting friction</p> <ul style="list-style-type: none"> • Friction: A necessary evil • Increasing and reducing friction • Wheels reduce friction • Fluid friction 	<p>2. Discover the factors that cause friction when two bodies moving relatively to explain why it is easier to move an object on a smooth surface compared to rough surface.</p> <p>3. Differentiate between static, sliding and rolling friction to formulate strategies to reduce friction.</p> <p>4. Provide advantages and disadvantages of friction in order to justify friction as necessary evil.</p> <p>5. Explain why the streamlined body is needed when flying to explain drag caused by air.</p>	<p>rolling friction is less than the sliding friction in magnitude.</p> <ul style="list-style-type: none"> • Activity to test the effect of mass on friction. • Model making on Friction Ramp. 		
			<p>Ch 10 - Sound</p> <ul style="list-style-type: none"> • Sound is produced by a Vibrating Body • Sound produced by humans • Sound needs a medium for propagation 	<p>1. List examples of body moving in to and fro motion in order to explain vibration.</p> <p>2. Cite examples where sound travels from one point to another in order to establish that sound needs a medium to propagate.</p> <p>3. List commonly known</p>	<ul style="list-style-type: none"> • Activity to show that sound travels through Solids, Liquids, and gases. • Activity to show that Sound does not travel through Vacuum. • To construct a Toy phone. • Activity to make a Jal Tarang which produces Sound of different frequencies. 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	

		<ul style="list-style-type: none"> • We hear sound through our ears • Amplitude, Time Period and Frequency of a Vibration • Audible and Inaudible sounds • Noise and Music • Noise Pollution 	<p>musical instruments and identify the parts that vibrate to explain that vibration produce sound.</p> <p>4. Differentiate between frequency and amplitude to describe factors responsible for loudness and pitch of the sound.</p> <p>5. List and identify functions of parts of human body that produce sound to explain the process of sound production in humans.</p> <p>6. Describe the structure and function of an eardrum to explain how humans hear sound.</p> <p>7. Distinguish between the ranges of audible and inaudible sounds to explain why certain sounds cannot be heard by humans.</p> <p>8. List the harmful effects of noise pollution to mitigate it.</p>	<ul style="list-style-type: none"> • Activity to demonstrate the functioning of vocal cords. 		
		<p>Ch 11 - Chemical Effects of Electric Current</p> <ul style="list-style-type: none"> • Do liquids 	<p>1. Distinguish between good and poor conductors of electricity to explain that various materials can conduct</p>	<ul style="list-style-type: none"> • Activity to test whether a given liquid is a good conductor or poor conductor of electricity. • Activity to study the 	<ul style="list-style-type: none"> •Worksheets. •NCERT Exercises. •Enrichment Exercises 	

			<p>conduct electricity</p> <ul style="list-style-type: none"> • Chemical effects of electric current • Electroplating 	<p>electricity under certain conditions.</p> <p>2. List chemical effects of electricity to establish that electricity causes chemical reactions.</p> <p>3. Describe the process of electrolysis and electroplating to explain the application of chemical effects of electricity on metals</p>	<p>process of Electrolysis and Electroplating.</p> <ul style="list-style-type: none"> • Activity to identify the positive terminal of the battery. • Model making of an electric tester (simple electric circuit) and electrolytic cell. • To make an electric pen 		
	<p>PT-3 Max M: 40 (Weightage: 5M)</p>	<p>December</p>	<p>Ch 12 - Some Natural Phenomena</p> <ul style="list-style-type: none"> • Lightning • Charging by rubbing • Types of charges and their interaction • Transfer of charge • The story of lightning • Lightning 	<p>1. Analyze if two objects attract or repel each other to establish that similar charge repel while opposite charge attract each other.</p> <p>2. Cite examples of visible sparks to explain the phenomenon of lightning.</p> <p>3. Examine the sequence of lightning occurring in clouds to explain the process of electric discharge in nature.</p>	<ul style="list-style-type: none"> • Project: To make a report on safety measures to be taken during thunderstorms, lightning and earthquake. • To Experiment with comb and paper to show the positive and negative charge. • Discussion on Sparks and on lightning conductor. • Activity to show that like charges repel each other while the unlike charges attract each other. 	<ul style="list-style-type: none"> • Worksheets. • NCERT Exercises. • Enrichment Exercises. 	<p>20% OF TERM 2 SYLLABUS</p>

			<p>safety</p> <ul style="list-style-type: none"> • Earthquakes 	<p>4. Predict how lightning travels from the clouds to ground to describe the measures that must be taken during lightning.</p> <p>5. Examine the working of electroscope to detect if an object is charged or not to apply the concept of similar charged objects repel each other.</p> <p>6. Illustrate with a diagram the movement of earth to explain phenomenon of earthquake.</p> <p>7. Identify and explain Seismic zones around earth to explain why some area are more affected by earthquake than others.</p>	<ul style="list-style-type: none"> • Activity to show the transfer of charges via electroscope. • To prepare a report on the impact of earthquakes on the earth surface and human life or Model making of electroscope or seismograph. 		
		JANUARY	<p>Ch 13 - Light</p> <ul style="list-style-type: none"> • What makes things visible • Laws of Reflection • Regular and Diffused Reflection • Reflected light can be reflected again • Multiple Images 	<p>1. Identify and calculate the angles of incidence and reflection of ray of light to illustrate the laws of reflection in real life.</p> <p>2. Illustrate with a line diagram how images invert when reflecting from a mirror to see the application of the laws of reflection.</p> <p>3. Distinguish between</p>	<ul style="list-style-type: none"> • Activity to study the nature of image formed in a plane mirror • Activity to study the nature of image formed by concave & convex lenses • To Study the image formation in the Eye • Activity to study dispersion of light using a plane mirror inclined on a water surface. 		

			<ul style="list-style-type: none"> • Sunlight-white or coloured • What is inside our eyes? • Care of the eyes • Visually impaired Persons can read and write. • What is the Braille System? 	<p>reflection from rough and smooth surface to differentiate between diffused and regular reflection.</p> <p>4. Establish that light can reflect multiple times with a set of mirrors by constructing a kaleidoscope.</p> <p>5. Describe the various parts of human eye and identify their functions to explain how humans see objects in presence of light.</p> <p>6. Recommend different measures for protecting eyes when a problem is felt to establish the importance of eye care.</p> <p>7. Describe the braille system to explain how people with visual impairment manage to read and write.</p>	<ul style="list-style-type: none"> • Activity to prove the laws of reflection of light by using plane mirror. • Activity to study Thaumatrope. • Model making a Kaleidoscope; Observing multiple images formed by mirrors placed at angles to each other. • Model making of a Periscope. • Model making of a human eye. 		
		FEBRUARY	REVISION				
	Annual Exam Max M: 80 Weightage: 80	March	Annual Examination			30% of Term – 1 + Entire Syllabus of Term -2	

SOCIAL SCIENCE

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	SYLLABUS COVERAGE
APRIL To SEP		APRIL	HOW, WHEN AND WHERE How Important are Dates? How do We Know? RESOURCES Types of Resources Conserving Resources INDIAN CONSTITUTION Why do we need a Constitution? Key features of the constitution	<ul style="list-style-type: none"> Understand the notions of the time, associate history with a string of dates, give some coherence to each era of history Learns about divisions of history into Hindu, Muslim and British based on administrative records. Comprehend the meaning of resources in terms of utility and value Respect and care for all-natural resources Familiarize with constitutive rules with the help of the case study of Nepal, learn very basic understanding of the significance of these features within the working of democracy. Develop concern of diversity, unity, socioeconomic reform and Representation, understand the ways in which a balance was created between the then existing concerns and the commitment to transform independent India into a strong and democratic society.	Draw any instrument used for mapping and survey operations during the colonial period. / Visit to Museum. Draw any four methods of water conservation. Write and learn the Preamble- Calligraphy	30% of Term1
		MAY	FROM TRADE TO TERRITORY East India company comes East	<ul style="list-style-type: none"> Describes the emergence of the British on the political horizon of India, initially it came as a trading company 	Mapwork- Places annexed by the British in India.	

			<p>Company rules expand Setting up a new administration</p> <p>LAND, SOIL, WATER, NATURAL VEGETATION AND WILDLIFE RESOURCES</p> <p>Land Soil Water Natural Vegetation & Wildlife</p> <p>UNDERSTANDING SECULARISM</p> <p>What is Secularism? Why is it important to separate religion from State? What is Indian Secularism?</p>	<ul style="list-style-type: none"> Analyze the process of annexation of Indian states by the East India Company using various strategies Recognize coming up of three presidencies, setting up of new judicial system, massive increase in military strength. Understand the physical factors of land use pattern Analyze the need for conservation of Land resources. Understand the process of soil formation and the causes for degradation. Constructive remedies for conservation measures. Locate the climatic zones that are most susceptible to water scarcity through case study and execute problem solving skills by stipulating methods for conservation of water resources across the globe. Enumerate factors for distribution of Natural Vegetation and wildlife. • Construct views on conservation of Natural Vegetation and Wildlife to balance the ecology on planet Earth. Learns the concept of peaceful co-existence where all the 	<p>Poster Making on conservation of various resources. Write a poem based on the theme- "Unity in diversity."</p>	
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				<p>religions are same in the eyes of the law.</p> <ul style="list-style-type: none"> Avoids conflicts of interests and feeling of a subject by accepting that the two have different identities <p>Sense of equality. prevails and all religions enjoy equal freedom.</p>		
	<p>PT-1 Max M: 40 (Weightage : 5M)</p>	<p>JULY</p>	<p>RULING THE COUNTRYSIDE The Company Becomes the Diwan Crops for Europe The “Blue Rebellion” and After</p> <p>PARLIAMENT AND THE MAKING OF LAWS Why should people decide the role of the Parliament? Who are the people in Parliament? Do laws apply to All? How do new laws come about? Unpopular and Controversial Laws</p>	<ul style="list-style-type: none"> Analyses critically the company’s strategy to become the chief financial administrator of the territory under its control. Learns about the strategy to yield revenue from countryside British expanded the cultivation of opium and indigo Raises questions about Rebellion by riots in Bengal and repressive measures adopted by the British. Understand the relation between the ideas of participation in decision-making and the need for all democratic governments to have the consent of their citizens Enables citizens of India to participate in decision making and control the government Appreciates the reflection of society in the Parliament in form of presence of people from different backgrounds. 	<p>Mapwork- Crops for Europe Picture Comprehension.</p> <p>Role Play on Constitution makers. Storyboard Analysis on Domestic violence followed by framing timeline.</p> <p>Paper Presentation on Lifestyle, custom & belief and the rebel involved against British rule. Seminar- On conservation of Mineral/Power resource & Conventional Non conventional sources of energy.</p>	<p>AUGUST</p> <p>TRIBALS, DIKUS AND THE VISION OF A GOLDEN AGE. (Project Work-1st term) Internal assessment. How did tribal groups live?</p>

			<p>How did colonial rule affect tribal? A closer look : WHEN PEOPLE REVOLT 1857 and after Policies and the People A mutiny becomes a popular rebellion The company fights back aftermath JUDICIARY What is the role of the Judiciary? What is an Independent Judiciary? What is the Structure of Courts in India? What are the different branches of the Legal System? Does everyone have access to the Courts</p>	<ul style="list-style-type: none"> • Understand the in-discriminatory basis of law and its integral value in the society • Become sensitive to the problems faced by people • Raise voice against the repressive laws framed by the Parliament and get it corrected • Explain the disappearing tribal livelihoods, threat to life, danger to jhum cultivation • Understand the breaking of tribal social order and traditional functions due to forest laws • Evaluate the rebellion by the tribal groups in different parts of the country against the changes in laws. • Survey the distribution of minerals across the globe and in India, locate the distribution of important minerals • Examines the vital role played by energy in our lives, critically analyses the reasons associated with the environmental pollution in reference to the usage of conventional sources and the benefits associated with the usage of non-conventional sources of energy. 	<p>Prepare a list of Chief Justice of Supreme Court of India along with their period of service.(From independence till today)</p>	
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				<ul style="list-style-type: none"> • Examine the reasons for the loss of the powers of Nawabs, unrest of sepoys and peasants, introduction of religious and cultural reforms • Learn about the biggest collective uprising against the British rule in the nineteenth century – mutiny 1857 • Describe the repressive measure used by the British against the Indians • Observe transfer of the powers of the East India Company to the British crown. • Appreciate the significant role played by Indian judiciary in upholding the principles enshrined in the Constitution • Attach significance to the judicial system in upholding the rule of law • Explain three different levels of courts in our country and only one apex court. • Understand civil law and criminal laws with the help of case studies <p>Recognize greatly simplified justice system and access to justice by common people through public interest litigation</p>		
	PT-2	SEP		REVISION		

	(Half Yearly Exam) MM: 80 (Weightage : 80)					
TERM 2		OCT	AGRICULTURE Farm System Agricultural Development	<ul style="list-style-type: none"> • Critically analyze the factors due to which some countries are known for production of major crops. • Comparative case studies of the farms in India and USA under various parameters will enable the learner to frame developmental goals in the field of agriculture. • Comprehend the strategic moves of the British to “civilize the natives” they changed the education policy to create “good subjects” • Flexible pathshalas run by Indian gurus were discouraged by regulations set by the British government. • Learn about the need for a wider spread of education propounded by Indian thinker and the government 	Textile designing(tie & dye) Chart making (Major crops Major regions)	30% of Term2

TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	SYLLABUS COVERAGE
OCT OBE R TO MA RCH		NOVE MBER	<p>UNDERSTANDING MARGINALIZATION Who are Adivasis? Stereotyping and development Minorities and Marginalization.</p> <p>INDUSTRIES Classification of Industries Distribution of major industries.</p> <p>WOMEN, CASTE AND REFORMS Working towards change caste and social reform</p> <p>CONFRONTING MARGINALIZATION Invoking Fundamental Rights. Laws for the Marginalized Protecting the Rights of Dalits and Adivasis Adivasi Demands and the 1989 Act.</p> <p>HUMAN RESOURCES Density of Population</p>	<ul style="list-style-type: none"> Identify various Indian communities the original inhabitant who lived in close association with forests. Learn about their beliefs and traditions. Break the stereotypical resemblance about their looks, costumes, dances etc. Address marginalization of minorities through various struggles Categorize different types of industries based on raw materials, size and ownership, Examine different factors affecting location of industries, studies industrial system and enlist industrial regions across the world. Understanding case study of Iron and Steel and Cotton and textile . Apprehend the gender and caste differences prevailing in the society. Appreciate the contribution of Indian thinkers in bringing the social reforms to uplift the society 	<p>Performing Arts- Tribal dance, songs, jewel making, clay modelling...</p> <p>Make a flow chart to illustrate the Classification of industries.</p> <p>Collect information about the contribution of any FIVE Woman social reformers of our country and prepare a detailed project with relevant pictures (II TERM PROJECT: INTERNAL ASSESSMENT Poster making- Steps taken by the Government in protecting the rights of Dalits and Adivasis. (II TERM ACTIVITY- INTERNAL ASSESSMENT)</p>	

				<ul style="list-style-type: none"> • Acquire understanding about Article 15 that has been used by Dalits to seek equality • Promote social justice through understanding of specific laws and policies • Raise voice against the practice of ostracism by the powerful castes in the village. • Understand the act of 1989 and take seriously the ill treatment and humiliation on Dalits and tribal groups. • Evaluates the impact of population change analysis causes and patterns of Population Change globally. • Estimates the importance of different Population composition (age groups) and their contribution the national economy. 	Mapwork- Most populous countries of the world	
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TERM	ASSESSMENT	MONTH	NAME OF THE CHAPTER	OBJECTIVES	ACTIVITY	SYLLABUS COVERAGE
	PT-3 Max M: 40 (Weightage : 5 M)	DECEMBER	THE MAKING OF NATIONAL MOVEMENT: 1870S—1947 The Emergence of Nationalism The Growth of Mass Nationalism The March to Dandi Quit India and Later	<ul style="list-style-type: none"> • Feel part of the modern consciousness or nationalism • Describe the emergence of freedom fighters and struggle against the foreign rule • Emergence of Gandhi on the Indian political scenario His contribution to the attaining the Independence • Appreciate the nationwide demand of the freedom fighters to leave India and Muslim league's demand for partition 	Collage (Leaders, Slogan, Movements)	
		JANUARY	PUBLIC FACILITIES Water and the People of Chennai Water as Part of the Fundamental Right to Life Public Facilities In Search of Alternatives LAW AND SOCIAL JUSTICE Bhopal gas tragedy - What is a Worker's Worth Enforcement of Safety Laws New Laws to Protect the Environment	<ul style="list-style-type: none"> • Diagnose importance of equal availability, affordability and quality of water for all through case study of Chennai. • Identify the right to water as being a part of the Right to Life under Article 21 or Universal access to water. • Recognize crucial role of the government in providing public facilities. • Critically analyze the situation and find out the most suitable options to exterminate the problem. • Analyze the causes of the tragedy and to combat injustice against the worker. 	Assembly talk- on Planning for Development. Prepare a chart to illustrate the factors responsible for shortage of water in India (Pictorial illustration) (II TERM ACTIVITY) Give some examples of situations where laws exist but people do not follow them because of poor	

				<ul style="list-style-type: none"> Learns about the right to Life guaranteed under Article 21 of the Constitution and need for strict adherence. <p>Demand stronger laws protecting workers' interests and environment etc.</p>	<p>enforcement. (Stick relevant pictures)</p> <p>Suggest some ways in which enforcement can be improved.</p>	
	<p>Annual Examination on Max M: 80 (Weightage : 80)</p>	FEBRUARY	REVISION		<p>30 % of Term 1 + Entire syllabus of Term 2</p>	
		MARCH	ANNUAL EXAM			

विषय : संस्कृतम्

TERM-1	ASSESMENT	MONTH	CHAPTER & Sub Topics	LERNING OBJECTIVES	ACTIVITIES	SYLLABUS COVERAGE
APRIL TO SEPTEMBER	PT-1 Max M: 40 (Weightage 5m)	APRIL	प्रथमः पाठः – सुभाषितानि व्याकरणम् - संधि शब्द रूप-माता	1. अस्मिन् पाठे विद्यमानानि सुभाषितानि व्यक्तित्व निर्माणाय विकासाय भवन्ति एवं च उत्तमजीवनाय सार्थको भवन्ति । 2. खाद धातु रूपाणाम् ज्ञानं प्राप्नुवन्ति । 3. संधिविच्छेदं कर्तुं शक्नुवन्ति ।	1. सस्वर गायनम् । 2. श्लोकानां भावार्थम् हिन्दीभाषायां लिखत । 3. एतादृश अन्यानि सुभाषितानि लिखित्वा आनयन्तु ।	30% of Term 1
		MAY	द्वितीयः पाठः – बिलस्य वाणी न कदापि मे श्रुता व्याकरणम् - विशेषण, क्रियापदानां धातु रूप- खाद (3 लकारेषु)	1. कथासाहित्यानां सामान्य ज्ञानं । 2. विशेषण, क्रियापदानां ज्ञानं । 3. वाक्यनिर्माण क्षमता, अव्ययपदानां परिचयः।	1. अभ्यासे विद्यमानानां प्रश्नानां कृते उत्तरलेखनम् । 2. अव्ययपदैः कथापूर्णम् ।	
		JULY	तृतीयः पाठः –	1. डिजिटल शब्दानां संस्कृतनामानि	1. चतुर्थीविभक्तिं प्रयुज्य पंचवाक्यानि लिखत ।	

			<p>डिजीभारतं व्याकरणम् - परिचयः अव्ययानि, तुमुन् प्रत्ययः</p> <p>चतुर्थः पाठः - सदैव पुरतौ निदेहि चरणं</p> <p>व्याकरणम्- लोटलकारः खाद धातुरूपाणि (5 लकारेषु), अस्मद शब्दरूपाणि</p>	<p>ज्ञास्यन्ति । 2. डिजीटल इंडिया इत्यस्य आधुनिकयुगे प्रस्तुताम् अवगच्छन्ति । 3. अस्मद शब्दरूपैः वाक्य निर्माणक्षमतां प्राप्नुवन्ति। 4. खाद धातुरूपाणां परिचयं प्राप्नुवन्ति। 5. गीतस्य सस्वरगायनम् ।</p>	<p>2. धातुरूपाणि, शब्दरूपाणि कण्ठस्थं कुर्वन्तु । 3. अव्ययपदैः वाक्यनिर्माणं ।</p>	
		AUGUST	<p>पंचम् पाठः - कण्ठकेनैव कंटकम् व्याकरणम् - लङलकारः, क्त्वाप्रत्ययः</p> <p>षष्ठः पाठः - गृहं शून्यं सुतां विना व्याकरणम् - तत्सम-तद्भवरूपाणि</p>	<p>1. लोककथानां वैशिष्ट्यं तासां महत्त्वं ज्ञास्यन्ति। 2. संस्कृतकथासु अभिरुचिं दर्शयन्ति । 3. लङलकार रूपाणि ज्ञास्यन्ति। 4. तद्भवरूपाणां तत्सम रूपाणि लेखितुं समर्थाः भवन्ति ।</p>	<p>1. लघुकथाकथन स्पर्धा आयोजनम् । 2. अभिनयमाध्यमेन कथायाः निरूपणम् । 3. लङ लकारस्य अभ्यासः ।</p>	

	Half -Yearly (April-September) Max. M. - 80		सप्तमः पाठः – भारतजनतासहम् व्याकरणम् - समानार्थक पदानां विशेषण -विशेष्यम् अष्टमः पाठः – संसारसागरस्य नायकाः व्याकरणम् -क्त्वा प्रत्ययः, ल्यप् प्रत्यय, कारक विभक्तिः	1. संस्कृत साहित्ये आधुनिककवीनां महत्त्वम् ज्ञास्यन्ति। 2. भारतीयानां वैशिष्ट्यं ज्ञायते। 3. समानार्थकपदं ज्ञास्यन्ति। 4. विशेषण – विशेष्यपदानि ज्ञास्यन्ति। 5. ल्यप् प्रत्यय ज्ञानं।	1. आधुनिकसंस्कृतकवी नाम् आवलिं कुरुत। 2. पाठे विद्यमानाभ्यासस्य दत्तानां लेखनम्। 3. क्त्वाप्रत्ययं योजयित्वा पदनिर्माणम् कुरुत।	
TERM-2	PT-2	SEPTEMBER	दशमः पाठः –		1. पाठे दत्तानां अभ्यासानां लेखनम्।	35% of Term 2

	Max M: 40 (Weightage 5m) (October – December)		नीति-नवनीतम् व्याकरणम् - वाक्यनिर्माणं ,प्रश्ननिर्माणस्य अभ्यासः।	1. मनुस्मृतिग्रंथस्य परिचयः भवति । 2. श्लोकानांपठनेन छात्राणाम् मानसिक विकासः भवति । 3. वाक्यनिर्माणस्य अभ्यासः भवति । 4. प्रश्ननिर्माणे कुशलतां संपादयन्ति ।	2. सप्तककारणाम् अभ्यासः :	Syllabus
OCTOBER TO MARCH		NOVEMBER	एकादशः पाठः – सावित्रीबाई फुले व्याकरणम् – शब्द रूपाणि – साधुः धातु रूपाणि – कथं लकार परिवर्तनाभ्यासः द्वादशः पाठः- कः रक्षति कः रक्षितः व्याकरणम् – संधिः, विशेषण - विशेष्यम्	1.शिक्षायाः महत्त्व विवरणम् 2. मौलिकाधिकाराणाम् विषये ज्ञानं । 3. पंचलकारेषु लकारपरिवर्तनाभ्यासः भवति । 4. पर्यावरणस्य महत्त्वं ज्ञास्यन्ति। 5. स्वच्छभारताभिया नस्य कारणात् भारते कानि परिवर्तनानि अभवन् इति ज्ञास्यन्ति।	1. भिन्न –भिन्न वाक्यानि दत्त्वा लकारपरिवर्तनाभ्यासः। 2. वाक्यरचनाभ्यासः। 3. प्लास्टिकस्य विविधाः पक्षाः विचारणीयाः। 4. पाठे दत्तानां अभ्यासानां लेखनम् ।	
		DECEMBER		1.संस्कृत गीतानां आलापनम् तेन संस्कृतं	1. गीतं सुस्वरं गायन्तु।	

			त्रयोदशः पाठः – क्षितौ राजते भारत स्वर्णभूमिः व्याकरणम् - चित्रवर्णनम् शब्द रूपाणि - नदी धातु रूपाणि – रक्ष	सरला भाषा इति छात्राः ज्ञास्यन्ति एवं उत्साह वर्धनञ्च भवति । 2. कवितायाः सारांश ज्ञास्यन्ति । 3. धातुरूपाणां अभ्यासः 4. शब्दरूपाणाम् अभ्यासः ।	2. चित्रं दृष्ट्वा संस्कृतवाक्यानि लिखत ।	
ANNUAL EXAMINATION (October- March) Max M: 80 (Weightage 80 m)			चतुर्दशः पाठः- आर्यभट्टः व्याकरणम्- समानार्थक पदानि विपरीतार्थक पदानि पंचदशः पाठः- प्रहेलिकाः व्याकरणम्-धातु रूपः- अस् शब्द रूप –युष्मद्	1.प्राचीन- ज्ञान- विज्ञान परंपरायाः परिचयं प्राप्नुवन्ति । 2. चिकित्सा शास्त्रे चरकसुश्रुतयोः योगदानस्य परिचयं प्राप्नुवन्ति। 3. प्रहेलिकायाः विशेषतां ज्ञास्यन्ति। 4. धातुरूपाणाम् अभ्यासः। 5. शब्दरूपाणाम् अभ्यासः ।	1. प्रसिद्ध भारतीय पुरुषाणाम् आवलिं कुरुत। 2. पाठे प्रदत्तानां अभ्यासानां लेखनम् ।	30 % of Term 1 + Entire syllabus of Term 2
	JANUARY			छात्राःक्षायां सम्यक् प्रदर्शनम् कुर्वन्ति ।	छात्राः परीक्षायां सम्यक् प्रदर्शनम् कुर्वन्ति ।	
	FEBRUARY		वार्षिक परिक्षार्थ पाठ्यक्रमस्य पुनरावृत्तिः ।			

	MARCH	वार्षिक परीक्षा एवं	परिणाम	
	MARCH			

COMPUTER

TERM	NAME OF THE CHAPTER	MONTH AND DATE	SUGGESTED ACTIVITIES(S TORY TELLING / AI/ EXPERIENTIAL LEARNING)	CORE SKILLS/ ART INTEGRATION/ INTERDISCIPLINARY	LIFE SKILLS	RESOURCE	ASSIGNMENT /ASSESSMENT/DISCUSSION (C.W/H.W)
TERM-1	Chapter-1 Computer Network	April	Experiential Learning: Activities to be performed on LAN & WAN	Art Integration <ul style="list-style-type: none"> Draw any three topologies labelling the different components of networking. Draw a PowerPoint Presentation on different components of Computer Network. 	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- 8 CodeBot (Recommended by AWES) https://www.youtube.com/watch?v=VwN91x5i25g 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Test on MS Forms(MA)
	Chapter -2 : Access- Creating a Database Chapter - 3:Access- Tables & Forms	May- July (PT-1)	Experiential Learning: Activities to be performed on Creation of Tables/Databa se/ Forms	Core Skills <ul style="list-style-type: none"> Prepare a database of a STUDENT with appropriate data type, fields and records. Make a formatted Form in MS Access based on the database created on STUDENT data	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=pbtoCktlX1Y https://www.youtube.com/watch?v=dEaQlrw3CZY 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test

TERM	NAME OF THE CHAPTER	MONTH AND DATE	SUGGESTED ACTIVITIES(STORY TELLING / AI/ EXPERIENTIAL LEARNING)	CORE SKILLS/ ART INTEGRATION/ INTERDISCIPLINARY	LIFE SKILLS	RESOURCE	ASSIGNMENT /ASSESSMENT/DISCUSSION (C.W/H.W)
	Chapter – 4: Access-Query & Reports	July	Experiential Learning: Activities to be performed on MS Access- different types to create queries and reports.	Core Skills <ul style="list-style-type: none"> Prepare a database of a STUDENT with appropriate data type, fields and records. Make a well structured query and report in MS Access based on the database created on STUDENT with appropriate design and layout. 	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=byPxcW1I05c https://www.youtube.com/watch?v=1XUeGq80R5Q 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test
	Chapter – 5 Open Shot Video Editor Revision of All the Chapters covering in TERM –I	August	Experiential Learning: Activities to be performed on how to create Videos, edit and format them using OpenShot Video Editor.	Interdisciplinary Linkage & AIL Enhancing their presentation and creativity skills using MS Powerpoint and Windows Movie Maker/OpenShot Video Maker.	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=TeKRsmO6Rw 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test

TERM	NAME OF THE CHAPTER	MONTH AND DATE	SUGGESTED ACTIVITIES(STORY TELLING / AI/ EXPERIENTIAL LEARNING)	CORE SKILLS/ ART INTEGRATION/ INTERDISCIPLINARY	LIFE SKILLS	RESOURCE	ASSIGNMENT /ASSESSMENT/DISCUSSION (C.W/H.W)
	Chapter-7 HTML 5- Form Multimedia & CSS	September PT-2 (Term –I End Assessment)	Experiential Learning: Activities to be performed on How to use different tags and attributes of HTML to create FORM , include/link multimedia and CSS files in a Webpage	Core Skills <ul style="list-style-type: none"> Demonstration on HTML tags and attributes to create FORMS for a webpage with the inclusion of multimedia and CSS files. 	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- 8 (My Bits & Bytes) Recommended by AWES. https://www.w3schools.com/html/html_you_tube.asp https://www.youtube.com/watch?v=y4gWr2fya0I 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test
TERM-2	Chapter-8 App Development	October (Term-2)	Experiential Learning: Activities to be performed on different types and categories of Apps	Core Skills <ul style="list-style-type: none"> Demonstration on How to use different types of apps like Native, Web and Hybrid App. Categories of Apps like Educational Business, Gaming Entertainment Apps. 	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=bOicw-ZZIGA 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test

TERM	NAME OF THE CHAPTER	MONTH AND DATE	SUGGESTED ACTIVITIES (STORY TELLING / AI/ EXPERIENTIAL LEARNING)	CORE SKILLS/ ART INTEGRATION/ INTERDISCIPLINARY	LIFE SKILLS	RESOURCE	ASSIGNMENT /ASSESSMENT/DISCUSSION (C.W/H.W)
	Chapter-9 Python- Looping and Tkinter GUI	November	. Experiential Learning: Core programm ing to be performed on Python with Looping & Tkinter GUI.	<ul style="list-style-type: none"> Demonstration on How to download Python using: https://www.python.org/downloads/ <p>How to write Code in Python using different types of loops and how to create GUI application using Tkinter library.</p>	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=Krrb2M8PwEQ https://www.youtube.com/watch?v=XerT3-rrOmQ 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test
	Chapter-6: E-commerce and Blogging	December (PT-3)	Experiential Learning: Activities to be performed on E-Commerce (Amazon, Flipkart etc) their functioning mechanism and how to create a blog.	<p>Interdisciplinary Linkage & AIL</p> <ul style="list-style-type: none"> Enhancing IT Skills Make a Powerpoint Presentation on Different models of E-Commerce with examples <p>Creating a blog, posting on a blog and using it.</p>	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 		<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students Written Test

TERM	NAME OF THE CHAPTER	MONTH AND DATE	SUGGESTED ACTIVITIES(STORY TELLING / AI/ EXPERIENTIAL LEARNING)	CORE SKILLS/ ART INTEGRATION/ INTERDISCIPLINARY	LIFE SKILLS	RESOURCE	ASSIGNMENT /ASSESSMENT/DISCUSSION (C.W/H.W)
	Chapter-10: Future Possibilities of Artificial Intelligence	January	Experiential Learning: Activities to be performed on AI in Games, Entertainment, E-commerce etc, AI-Ethics	Art Integration <ul style="list-style-type: none"> Draw a chart on Different Types/Domains of Artificial Intelligence Make a PowerPoint Presentation on Applications of Artificial Intelligence, Careers in AI and AI Ethics	<ul style="list-style-type: none"> Creative Thinking Logical Thinking Problem Solving 	<ul style="list-style-type: none"> IT Planet- CodeBot 8 Recommended by AWES https://www.youtube.com/watch?v=XCI5j_oEWmQ 	<ul style="list-style-type: none"> Oral Test Demonstration and Practice Session by students on NLP(natural Language Processing), Computer Vision etc.
	Revision	February	Chapters <ol style="list-style-type: none"> E-commerce and Blogging HTML-5 Form Multimedia & CSS Python- Looping & Tkinter GUI 	REVISION	REVISION		
	ANNUAL EXAM Max M:80 (Weightage 80 m)	March	Revision	ANNUAL EXAM			30 % of Term 1 + Entire syllabus of Term 2

