

### TERM AND MONTH-WISE SPLIT-UP SYLLABI OF CLASS – VII FOR THE SESSION 2024-2025

#### SUBJECT : ENGLISH

#### Text Book :1. Enhanced English Alive (Coursebook)

#### 2.Enhanced Collins English Grammar and Composition

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research
	NOP					Work
April	23	<ul style="list-style-type: none"> <li>The Shopping List</li> <li>Mystery</li> </ul>	<ul style="list-style-type: none"> <li>The story is about a boy who loves to play the violin and is not interested in anything else in the world. His parents are worried, since he is not good at maths like the rest of his family. But one day, he surprises everyone by solving a mystery because of his love for violin.</li> </ul>	Identify the various types of musical instrument with the help of your music teacher.	Make a model of violin with the help of thermocol.	Find out the facts abouts Agatha Christie and note it down .
April		Coursebook Ch-3 The Gift to Sing  CH- 20 KINDS OF SENTENCES  Ch-1. NOUNS  CH-2 ADJECTIVES	<ul style="list-style-type: none"> <li>In this poem, the poet says that whenever he is sad or upset in any way, he resorts to a magical way to wave the darkness away- by singing softly. He then goes on to say that if he is still sad and his feeling grow heavier, then he sings all the more loudly. Lastly, he says that as long as he can sing, he neither dwells on the mistakes he made in the past nor does he dread the future.</li> </ul> 1. Cognitive objectives emphasize THINKING, Affective objectives emphasize FEELING and. Psychomotor objectives emphasize ACTING. <ul style="list-style-type: none"> <li>To define Adjective</li> <li>To identify Adjectives and its kinds</li> </ul>	Importance of mental health and well being.	Write a letter to your friend and describe him your experience of healing mental peace with the help of music.	Your school is organizing a long awaited musical event next month. You have been given the responsibility of designing the event poster. Design an eye catching poster for the same.
May	11	Coursebook Ch 2- Bob Dylan: The Voice of a Generation	Bob Dylan is an American song writer, singer, painter and writer. For over five decades, he has influenced the world of music and culture. In 2016, then 75 year old Bob Dylan was awarded the Nobel Prize for Literature ‘for having created new poetic expressions within the great American song tradition. Bob Dylan did not go in person to attend he	Listen to these songs: We Are the World by Michael Jackson, Blowin’ In the Wind by Bob Dylan, and Imagine by John Lenon. Find out what they mean and share how you felt when you heard hem.		Look for a song in your mother tongue or any other Indian Language that raises your spirit. .

			ceremony due to some prior commitments. His Banquet Speech was given by the United Staes Ambassador to Sweden Azita Raji, at the nobel Banquet on 10 December,2016.			
May		Ch. 3 PRONOUNS	Personal pronouns. Subject and object pronouns. Possessive pronouns. Reflexive pronouns and intensive pronouns. Impersonal pronouns. Demonstrative pronouns. Interrogative pronouns. Relative pronouns.			
June	15	Cousrebook Ch 4 –Flames in the Forest	<u>The given story is about two boys and numerous wild animals who are caught in a raging forest fire.</u>	<u>On the map of India locate the forest regions which are most affected by forest fires.</u>	Make a chart of 15 compound words and frame sentences with the words.	Everyone has fears. Sometimes we are tend to be like Teju. What are some such romi and Teju situations for you? Write hem about yourself.
		Grammar Ch 4-Transitive and Intransitive Verbs	<ul style="list-style-type: none"> <li>●Definition of Verb.</li> <li>Transitive Verbs</li> <li>Intransitive verbs</li> <li>●Modal Verbs</li> <li>●Different forms of the verbs.</li> </ul>			
June		Grammar Ch 5-Agreement of Subject and Verb	<ul style="list-style-type: none"> <li>• Singular Subject-singular verb</li> <li>• Plural subject - Plural Verb</li> </ul>			
June		Grammar Ch 11-: Modals and Auxiliaries	<ul style="list-style-type: none"> <li>●Helping verbs</li> <li>●Modal Auxiliaries</li> </ul>			
		Grammar Ch 12-Adverbs	<ul style="list-style-type: none"> <li>● What is Adverb?</li> <li>●Kinds of Adverbs.</li> <li>●Formation of Adverbs.</li> </ul>			
July	25	Coursebook Ch 5- Back from the Brink	The Greater Adjutant Stork, known as hargila West Bengal, was close to extinction by the end of the twentieth century. Depleting wetlands and loss of trees had destroyed their habitat. No one was keen on their preservation as they were considered ugly, with a grunting croak and an gait. In 2007 Purnima Devi Barman began a grassroots conservation movement of mobilizing b local villagers and teacvhrs. They created songs praising the bird and convinced the people not to cut their nesting trees.	What do you understand by the word ‘endangered’? • Which birds and animals do you know of that are either endangered or extinct?	Paste the pictures of different species of endangered species.	Write an article on the cleanliness of your neighborhood and discuss it in your class.
July		Coursebook Ch 6- Birds of a Feather	The poem The Grackle is about crow-like blackbirds called the Grackles that are	Sensitize them on how important it is to prevent cruelty		Illustrate their favourite bird and write a short paragraph on it.

			found in North America. The poet uses humor to describe the behaviour of these birds. The birds are called a total ornithological disaster by the poet in jest. On the other hand, In the poem Storks Fly North, the poet romanticizes the journey of the storks as they fly to the northlands to their home.	towards fauna and treat them with kindness.		
		Grammar Ch 8-: Expressing the Past	<ul style="list-style-type: none"> <li>●Simple Past Tense</li> <li>●Past Continuous tense</li> </ul>			
		Grammar Ch 9-: Expressing the Future	<ul style="list-style-type: none"> <li>●Simple Past Tense</li> <li>●Past Continuous tense</li> </ul>			
		Grammar Ch 10-Adverbs	<ul style="list-style-type: none"> <li>● What is an Adverb?</li> <li>●Kinds of Adverbs.</li> <li>●Formation of Adverbs</li> </ul>			
		Writing Notice Writing CH-14 ARTICLES				
Aug	24	Coursebook Ch 7- Fourteen-I  CH- 11 PREPOSITION  CH-15 ACTIVE AND PASSIVE VOICE	<p>Mrs.Pringle, a wonderful hostess, is about to host a party for fourteen guests. With one of the guests backing out at the last moment, she’s scared her plans would go all awry with thirteen to sit down to dinner – an inauspicious omen. Mrs Pringle makes some phone calls to send out last-minute invites as her staff struggles to cope with the fluctuating guest list.</p> <p>1 Prepositions of Place. Prepositions of Time. Prepositions of Direction. Prepositions of Location. Prepositions of Spatial Relationships. Prepositional Phrase.</p>	<u>Role play of the chapter.</u>	Draw mind maps and write down the character traits of Mrs Pringle and her daughter Elaine..	How can one deal with snobbishness or pretentiousness? How can we be true toourselves?
SEP	10		REVISION WORK			
OCT	16	CH- 9 MARYAM MIRZAKHANI: LEADING THE WAY  CH-10 TEACHERS  CH- 12 CONJUNCTIONS  CH-13 DETERMINERS AND QUANTIFIERS	<p>1. - STEM (Science, Technology, Engineering, Mathematics) - Diversity - Role Model - Gender Equality - Mathematical Research</p> <p>1. - Pedagogy: The method and practice of teaching. - Inclusive Teaching: A teaching approach that aims to accommodate diverse learning needs and promote equity in the classroom.</p>	<p>1. - Incorporating art activities to explore mathematical concepts or Maryam Mirzakhani's work - Using visual arts to enhance understanding of complex mathematical ideas</p> <p>1. - Incorporate art-based activities such as drawing, painting, or music into lesson</p>	<p>1. - Engaging students in hands-on projects related to Maryam Mirzakhani's work or mathematical concepts - Encouraging creativity and critical thinking through practical applications</p>	<p>1. - Combining traditional face-to-face teaching with online resources and activities - Utilizing technology to enhance learning experiences and reach a wider audience</p> <p>1. - Combine traditional face-to-face instruction with online resources and technology to enhance the learning experience.</p>

			<p>- Professional Development: Ongoing training and education for teachers to enhance their skills and knowledge.</p> <p>- Student-Centered Learning: An approach to teaching that prioritizes the needs and interests of students.</p> <p>A conjunction is a part of speech that is used to connect words, phrases, clauses, or sentences. They can be one word or a few words. They glue words, phrases and clauses together and are made to convey two ideas in one sentence.</p>	<p>plans to enhance creativity and engagement.</p> <p>- Use visual arts to help students express themselves and understand complex concepts in a more hands-on way.</p> <p>- Integrate art into various subjects to promote interdisciplinary learning and foster a holistic approach to education.</p> <p>What is the concept of determiners?</p> <p>A determiner is a member of a class of words used to modify nouns or noun equivalents. Determiners help clarify what a noun is referring to and are typically placed before descriptive adjectives.</p>	<p>1. - Assign students a project where they have to design a lesson plan that incorporates inclusive teaching practices and art integration.</p> <p>- Encourage students to collaborate with their peers to create a project that reflects the diversity of their classroom.</p> <p>- Evaluate students based on their ability to apply inclusive teaching strategies and incorporate art into their lesson plans effectively.</p>	<p>- Use a variety of digital tools and platforms to engage students both inside and outside the classroom.</p> <p>- Provide opportunities for students to learn at their own pace and access resources tailored to their individual needs.</p>
NOV	25	<p>CH- 11 GOODBYE, PASHA BEGUM</p> <p>CH-12 TRY AGAIN</p> <p>CH- 16 DIRECT TO INDIRECT</p> <p>CH-17 FINITE AND NON-FINITE</p> <p>CH-18 PHRASES</p>	<p>Partition: The division of British India into two separate nations, India and Pakistan, in 1947.</p> <p>Identity: The characteristics, beliefs, and values that define an individual or group.</p> <p>Resilience: The ability to recover from setbacks and challenges.</p> <p>Empathy: The capacity to understand and share the feelings of others.</p> <p>1. - Resilience: The ability to bounce back from setbacks and difficulties.</p> <p>- Perseverance: The persistence and determination to keep trying despite obstacles.</p> <p>- Self-belief: Confidence in one's own abilities and potential.</p> <p>- Growth mindset: The belief that one's abilities can be developed through effort and hard work.</p>	<p>1. - Use visual arts such as drawing or painting to depict scenes from the story and explore the emotions of the characters.</p> <p>- Incorporate music or drama activities to bring the story to life and engage students in a multi-sensory experience.</p> <p>- Encourage students to create their own artistic interpretations of key themes and moments in the narrative.</p> <p>1. - Use visual arts such as drawing, painting, or collage to create representations of the themes and imagery in the poem.</p> <p>- Incorporate music or dance activities to express the emotions and tone of the poem through different art forms.</p> <p>- Encourage students to write their own poems or reflections inspired by the</p>	<p>1. - Assign students a project where they have to research and present on the historical context of partition in India and its impact on communities.</p> <p>- Encourage students to explore different forms of expression, such as writing, art, or performance, to convey their understanding of the themes in the story.</p> <p>- Evaluate students based on their ability to critically analyze the text, engage with historical sources, and communicate their findings effectively.</p> <p>1. - Assign students a project where they have to</p>	<p>1. - Utilize online resources, videos, and articles to supplement students' understanding of the historical background of partition in India.</p> <p>- Facilitate online discussions and collaborative activities to encourage students to share their perspectives and insights on the story.</p> <p>- Provide opportunities for self-paced learning through digital platforms that cater to different learning styles and preferences.</p> <p>1. - Utilize online resources, videos, and articles to explore the themes of resilience, perseverance, and growth mindset in the context of personal development.</p> <p>- Facilitate online discussions and activities that encourage students to reflect on their own experiences of overcoming challenges.</p> <p>- Provide opportunities</p>

				<p>themes of resilience and perseverance in "Try Again."</p>	<p>research and present on real-life examples of individuals who have demonstrated resilience and perseverance.</p> <ul style="list-style-type: none"> <li>- Encourage students to create a visual representation or performance that captures the essence of the poem "Try Again" and its themes.</li> <li>- Evaluate students based on their ability to connect the themes of the poem to real-world examples and demonstrate their understanding through creative projects.</li> </ul>	<p>for self-paced learning through digital platforms that support students in building resilience and self-belief.</p>
DEC	22	<p>CH- 13 THE DIARY OF A SPACE TRAVELLER</p> <p>CH-14 THE QUEST FOR EXTRATERRESTRIAL LIFE</p> <p>CH-19 CLAUSES</p> <p>CH-21 TYPES OF SENTENCES: STRUCTURE</p>	<p>1. - Space exploration: The investigation and study of outer space through manned and unmanned missions.</p> <ul style="list-style-type: none"> <li>- Extraterrestrial life: Life forms that exist beyond Earth.</li> <li>- Interstellar travel: Travel between stars or planetary systems.</li> <li>- Cosmic perspective: A philosophical viewpoint that considers humanity's place in the vastness of the universe.</li> </ul> <p>1. - Astrobiology: The study of the origin, evolution, distribution, and future of life in the universe.</p> <ul style="list-style-type: none"> <li>- SETI (Search for Extraterrestrial Intelligence): The scientific search for evidence of intelligent life beyond Earth.</li> <li>- Habitable zone: The region around a star where co</li> <li>Exoplanet: A planet that orbits a star outside our solar system.</li> </ul>	<p>1. - Use visual arts to create illustrations or graphic representations of key scenes or concepts from the story.</p> <ul style="list-style-type: none"> <li>- Incorporate music or sound effects to enhance the atmosphere and mood of the space travel experience.</li> <li>- Encourage students to write their own science fiction stories inspired by the themes of "The Diary of a Space Traveller."</li> </ul> <p>1. - Encourage students to create visual representations of alien life forms based on scientific theories and imagination.</p> <ul style="list-style-type: none"> <li>- Use art to depict different environments on exoplanets that could potentially support life.</li> <li>- Explore how artists and filmmakers have portrayed extraterrestrial life in popular culture and discuss the influence</li> </ul>	<p>1. - Assign students a project where they have to research and present real-life advancements in space exploration and technology.</p> <ul style="list-style-type: none"> <li>- Encourage students to create a model or diorama depicting a scene from the story or an imagined space travel scenario.</li> <li>- Evaluate students based on their ability to connect the themes of the story to real-world scientific advancements and societal impacts.</li> </ul> <p>1. - Assign students a project where they research a specific exoplanet or celestial body that may harbor extraterrestrial</p>	<p>1. - Utilize online resources, videos, and simulations to explore concepts of space travel and interstellar exploration.</p> <ul style="list-style-type: none"> <li>- Facilitate online discussions and activities that encourage students to imagine and discuss the possibilities of space travel.</li> <li>- Provide opportunities for self-paced learning through digital platforms that support students in exploring the themes of the story in depth.</li> </ul> <p>1. - Utilize online resources, simulations, and virtual labs to explore the methods used in the search for extraterrestrial life.</p> <ul style="list-style-type: none"> <li>- Facilitate online discussions and debates on the ethical considerations of contacting extraterrestrial civilizations.</li> <li>- Provide opportunities for students to collaborate on digital projects that showcase their understanding of astrobiology and the</li> </ul>

				of these representations on public perceptions.	life and present their findings. - Challenge students to design a mission to explore a potentially habitable exoplanet and consider the technology and methods needed for such a mission. - Evaluate students based on their ability to critically analyze scientific data and theories related to the search for extraterrestrial life.	search for alien life.
JAN	19	CH-15 STAR TREK- THE VOYAGE HOME  CH-22 TRANSFORMATION AND SYNTHESIS  CH-23 PUNCTUATION	1. - Time travel: The concept of moving between different points in time. - Conservation: The preservation and protection of natural resources and ecosystems. - Science fiction: A genre that explores speculative or futuristic concepts through imaginative storytelling. - Utopia: An idealized society characterized by harmony, equality, and prosperity.	1. - Encourage students to create visual representations of key scenes or characters from Star Trek: The Voyage Home. - Explore how art and design are used to create futuristic technologies and environments in science fiction. - Analyze the use of music and sound effects in enhancing the storytelling and emotional impact of the film.	1. - Assign students a project where they analyze the environmental themes and messages in Star Trek: The Voyage Home. - Challenge students to create futuristic technology or innovation inspired by the film. - Evaluate students based on their ability to critically analyze and interpret the film's themes and messages.	1. - Utilize online resources and multimedia to explore the history and impact of the Star Trek franchise. - Facilitate online discussions on the ethical dilemmas and moral lessons presented in Star Trek: The Voyage Home. - Provide opportunities for students to engage with fan communities and participate in virtual events related to Star Trek.
FEB	7					

**SUBJECT : HINDI****Text Book :**

Month	WD	Learning Objectives	Art Integration	Project / Practical	Research Work Blended Learning
	NOP				
APRIL	23	● आजादी के महत्व को समझना	खुले आकाश में उड़ते हुए तथा एक पिंजरे में बंद पक्षी का चित्र बनाएँ।	शिक्षार्थी पक्षियों से संबंधित स्वयं एक कविता या कहानी लिखें।	● शिवमंगल सिंह 'सुमन की कोई एक कविता लिखें।
		भाषा, बोली, लिपि व्याकरण वर्ण-विचार के बारे में	भाषा, बोली, लिपि व्याकरण को सुगमता से याद रखने के लिए एक गीत या पहेली की रचना करें।	महाभारत की कथा का वी. डी. यो प्रदर्शन	भाषा और बोली में अंतर उदाहरण सहित लिखें।
		देवव्रत भीष्म प्रतिज्ञा अंबा और भीष्म	महाभारत या गीता के श्लोक को चार्ट पेपर पर लिखें।	महाभारत के पात्रों का वंश वृक्ष चार्ट पेपर पर तैयार करें	भीष्म आजीवन प्रतिज्ञाबद्ध रहे ये उचित है अथवा अनुचित? लिखें।
		हिमालय के बारे में, हिमालय से निकलने वाली नदियों के बारे में	नदियों से संबंधित कविता या लोकगीत कक्षा में सुनाएँ।	चार्ट पेपर पर गंगा नदी को दिखाएँ गंगा के किनारे बसे शहरों को भी लिखें।	हिमालय से संबंधित कोई एक कविता लिखें।
May	10	● आजादी के महत्व को समझना	कविता को चार्ट पेपर पर लिखें	अपने देश के किन्हीं तीन महिला स्वतंत्रता सेनानियों के नाम लिखें।	भवानी प्रसाद मिश्र की कोई एक अन्य कविता लिखें
		वर्ण, वर्णमाला	मानक वर्णमाला को चार्टपेपर पर सजाकर लिखें।	किन-किन वर्णों से कोई शब्द नहीं बनता है? लिखें।	विभिन्न प्रकार के व्यंजन के अंतर को लिखें।
June	15	फेरीवाले के जीवन को समझना	फेरीवाले के द्वारा बेचे जानेवाले सामानों की एक सूची बनाएँ यदि संभव हो तो चित्र भी बनाएँ।	फेरीवाले से समान खरीदना उचित है या अनुचित अपना विचार लिखें	इससे मिलता जुलता एक अन्य कहानी या कविता लिखें
		दुर्योधन का पांडवों के प्रति ईर्ष्या को समझना पांडवों को मारने के लिए शकुनि की योजना को समझना	शकुनी अथवा दुर्योधन का एक चित्र बनाएँ	लाख का घर' को केंद्र बनाकर शकुनी और दुर्योधन का संवाद लेखन करें।	लाख क्या है? लाख का क्या उपयोग है? लाख भारत में कहाँ-कहाँ पाया जाता है?
		परिभाषा, स्वर संधि के भेद एवं उदाहरण	स्वर संधि के सभी भेदों का कार्ड बनाएँ	गुण संधि एवं वृद्धि संधि के बीच का एक संवाद लेखन लिखें।	स्वर संधि के सभी भेदों से पाँच-पाँच उदाहरण लिखें।

July 25 Days	25	एकांकी विधा का परिचय । हम सावधान कैसे रहें। कल्पना शक्ति का विकास ।	लेटरबक्स का चित्र बनाएँ	खंभा और कौआ का एक संवाद लेखन करें।	अनुमान कीजिए और लिखिए कि बच्ची को चोर ने कैसे उठाया होगा।
		प्रकृति वर्णन मानवीयकरण अलंकार का परिचय	शाम के दृश्य का चित्रण करें	शाम के दृश्य का चित्रण करें एवं इसके बारे में दस वाक्य लिखें	प्राकृतिक दृश्य के वर्णन से संबंधित एक अन्य कविता लिखें।
		विभिन्न प्रकार के शब्दों को समझना जैसे— विकारी शब्द, एवं अविकारी शब्द एकार्थी, अनेकार्थी शब्द विलोम शब्द पर्यायवाची शब्द अनेक शब्दों के बदले एक शब्द श्रुतिसम भिन्नार्थक शब्द	शब्द वृक्ष बनाकर विभिन्न प्रकार के शब्दों को दिखाना	शब्द वृक्ष बनाकर विभिन्न प्रकार के शब्दों को दिखाना	लगभग 40 अनेकार्थी शब्दों की एक सूची बनाएँ शब्दों का अर्थ भी लिखें।
		—पांडवों की रक्षा —द्रोपदी स्वयंवर —इंद्रप्रस्थ —जरासंध	कक्षावार पाठ से संबंधित कहानी वाचन प्रतियोगिता का आयोजन	पाठ के आधार पर कृष्ण एवं जरासंध का संवाद लेखन करें।	पता कीजिए जरासंध नाम क्यों पड़ा?
		लिंग, वचन कारक परिभाषा एवं भेद		करण कारक एवं अपादान कारक में अंतर को स्पष्ट करते हुए उदाहरण लिखें।	सभी कारक चिहनों का प्रयोग करते हुए एक-एक वाक्य लिखें
Aug	23	दृढ़ निश्चय अथक परिश्रम सफलता की कुंजी है।	श्रहीम के दोहे अच्छे से प्रदर्शन बोर्ड पर लगाएँ	शारीरिक चुनौतियों से गुजरनेवाले व्यक्तियों के लिए चढ़ने उतरने की सुविधाएँ आपने किन-किन जगहों पर देखा है? एक सूची बनाएँ।	दिव्यांग से आप क्या समझते हैं? कितने प्रकार के दिव्यांग के बारे में आप जानते हैं एक सूची तैयार करें
August	23	<u>नीतिगत बातें</u> <u>समझना</u>	'रहीम के दोहे' अच्छे से लिखकर प्रदर्शन बोर्ड पर लगाएँ	रहीम के किन्हीं अन्य पाँच दोहे को लिखें	कवि रहीम के जीवनी के बारे में लगभग 200 शब्दों में लिखें
		<u>भीम और हनुमान का मिलन</u>  <u>भीम का अहंकार समाप्त होना</u>			
		अनौचारिक पत्र औपचारिक पत्र		पाँच औपचारिक तथा पाँच अनौपचारिक पत्र लिखें।	अनौचारिक पत्र औपचारिक पत्र में क्या अंतर है?



		<u>अनुच्छेद लेखन</u> <u>कैसे करें</u>			
		<u>ईर्ष्या, द्वेष</u> <u>न करें।</u> अंतःकरण को शुद्ध रखें।			
		उपसर्ग, प्रत्यय और समास परिभाषा, उदाहरण, भेद		दस ऐसे शब्दों को लिखें जिसमें उपसर्ग एवं प्रत्यय हो।	समास के सभी भेदों के पाँच-पाँच उदाहरण लिखें।
Sep	12				
Oct		खानपान की विभिन्न संस्कृतियों को समझना	एक चार्टपेपर पर विभिन्न क्षेत्रों में परोसी जानेवाली खाद्यपदार्थों की तसवीर चिपककाएँ।	राज्यों के नाम एवं उनके सामने उस राज्य के मुख्य भोजन के नाम लिखें	मोटापे से बचने के लिए आप किन-किन खाद्य पदार्थों से आप परहेज करेंगे, एक सूची बनावें।
Oct	16	व्यवहारिक होना सभी का सम्मान करना घमंड नहींकरना चाहिए	इस कविता के भाव को चित्र के द्वारा व्यक्त करने का प्रयास करें	इस कविता को एक कहानी के द्वारा व्यक्त करें	इस कविता के भाव से मिलता –जुलता अन्य दोहा याकविता लिखें।
		मायावी सरोवर, अज्ञातवास			
		संज्ञा सर्वनाम विशेषण क्रिया क्रियाविशेषण, संबंधबोधक समुच्च्यबोधक विस्मयादिबोधक निपात	विकारी एवं अविकारी शब्दों को चार्ट पेपर पर अलग-अलग रंगों से सजाकर लिखें।	विकारी एवं अविकारी शब्दों को चार्ट पेपर पर अलग-अलग रंगों से सजाकर लिखें।	
Nov	17	रेखाचित्र विधा के बारे में संक्षिप्त परिचय पशु-पक्षियों के आपसी प्रेम को समझना	नीलकंठ का रंगीन चित्र बनाएँ	पाठ में आए सभी प्राणियों की एक सूची बनावें एवं उनके बारे में लिखें।	महादेवी वर्मा के बारे में लगभग 200 शब्दों में लिखें
..		मीराबाई संक्षिप्त परिचय व्रजभाषा और कृष्ण अन्य कृष्ण भक्त कवि कविता का भावार्थ	वर्षा ऋतु से संबंधित चित्र बनाएँ	कवयित्री के बारे में संक्षिप्त जानकारी एकत्रित करें और लिखें लगभग 150 शब्दों में।	कृष्ण को गिरधर क्यों कहा जाता है? इसके पीछे कौन सी कथा है?लिखें।
		–प्रतिज्ञा-पूर्ति –विराट का भ्रम –मंत्रणा			
		<u>परिभाषा</u>			सभी प्रकार के काल का

		<u>भेद</u>			दो-दो वाक्य लिखें
Dec	22	1857 स्वतंत्रता आंदोलन के बारे में इस आंदोलन में वीर कुँवर सिंह का योगदान	किसी एक स्वतंत्रता सेनानी का चित्र प्रदर्शन बोर्ड पर चिपकाएँ यदि संभव हो चित्र स्वयं बनाने का प्रयास करें।	स्वतंत्रता आंदोलन में भाग लेनेवाली महिला स्वतंत्रता सेनानियों की एक सूची तैयार करें	मंगल पांडेय के बारे में जानकारी इकट्ठा करें और लिखें।
		राष्ट्रीय खेल हॉकी धनराज पिल्लै के बारे में		हॉकी के खिलाड़ियों की एक सूची तैयार करें यदि संभव हो तो चित्र भी लगाएँ।	जीवन में विनम्रता का क्या महत्व है? पर प्रकाश डालें। लगभग 150 शब्दों में
		<u>—अभिमन्यु का परिचय</u> <u>—द्रोणाचार्य का चक्रव्यूह</u> <u>—अभिमन्यु का चक्रव्यूह</u> <u>भेदन</u>			
				सभी विराम चिह्नों का प्रयोग करते हुए दो-दो वाक्य लिखें	
Jan	19	लेखा-जोखा का परिचय महात्मा गाँधी की जीवन शैली और आश्रम के प्रति उनका विचार		दांडी यात्रा में गाँधी जी के योगान के बारे में लिखें।	नमक सत्याग्रह में भाग लिए किन्हीं दस आंदोलनकारियों के नाम लिखें
		<u>युद्ध समस्या या समाधान</u>			
		<u>वाक्य की परिभाषा</u> <u>एवं संरचना की समझ</u>		रचना के आधार पर वाक्य के सभी भेदों को लिखें	अर्थ के आधार पर वाक्य के सभी भेदों को लिखें
Feb	7				

- वषयः : संस्कृतम्  
पाठ्यपुस्तकानि : 1. पाठ्यपुस्तकम् रु चरा द्वितीयो भागः (रा. शै. अनु. प्र. परि)  
2. व्याकरणपुस्तकम् रु चरा द्वितीयो भागः (तरुण पब्लिकेशन्स)  
3. सहायकपुस्तकम् संस्कृतसहचर - आचार्य राधामोहन उपाध्याय, श्रीघनश्यामपाण्डेय

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning	
	NOP						
		रु चरातः ---					
अप्रैल	23	प्रथमः पाठः सुभा षतानि।	नैतिकमूल्यानां वर्द्धनम्	सङ्गीत शक्षकस्य सहायतया	स्वजीवने कथं प्रयोगः कुर्मः?	लयबद्धात्मकपाठाभ्यासः अभ्यासकार्यम्	
		द्वितीयः पाठः दुर्बुद्धः वनश्यति।	नैतिकमूल्यानां वर्द्धनम्	कला शक्षकस्य सहायतया	कदा कमर्थं वनाशः भवति?	गद्यात्मकपाठाभ्यासः पदपरिचयः, शब्दार्थः अनुवादकार्यम्	
		व्याकरणतः ----					
		वर्णसंयोजनं वर्ण वयोजनं च।	स्वरव्यञ्जनमध्ये भेदः।	गणत हिन्दी शक्षकस्य सहायतया मेलनम् योगात्मक क्रिया	वर्णसंयोजनं वर्ण वयोजनं माध्यमेन स्वपरिवारस्य सदस्यानां नामानि लेखनम्	केन प्रकारेण कथं पदनिर्माणं भवति? अस्यान्वेषणम्।	
		उच्चारणस्थानानि।	उच्चारणस्थानपरिचयः	उच्चारणस्थानानि संगीतसाधनैः ता लकाध्यमेन	उच्चारणस्थानता लकानिर्माणकार्यम्	उच्चारणस्थानैः पदपरिचयः	
		पुरुष लङ्गवचनकारकादि	अनुवादकार्यम्	-----	पुरुष लङ्गवचनानि ता लकानिर्माणकार्यम्	पुरुष लङ्गवचनानि कति भेदाश्च।	
		शब्दरूपाण - बालक, लता, फल, नदी, मुनि, भानु। कम्, तत्, एतत् (त्रिषु लङ्गेषु)	शब्दपरिचयः	हिन्दी शक्षकस्य सहायतया रकज्ञानम्	शब्दरूपाणां स्मरणं लेखनं च।	शब्दरूपाणां ज्ञानम्	
		धातुरूपाण - पठ्, चल्, खाद्, पत्, हस्, गम्, खल्, क्रीड्, इत्यादयः भू, अस्, कृ, (लट्लृलकारयोः)	क्रियापरिचयः	हिन्दी शक्षकस्य सहायतया क्रियाज्ञानम्	लट्लकारे धातुरूपाणां स्मरणं लेखनं च।	धातुरूपाणां ज्ञानम्	
		कर्तृ क्रयामेलनम् (लट्लकारे)।	वाक्यनिर्माणम्	-----	कर्तृ क्रया परिचयः	अनुवादकार्यम्	
मई	10	रु चरातः					
		तृतीयः पाठः -स्वावलम्बनम्।	स्वावलम्बी कथं भवेत्, अस्य ज्ञानावर्द्धनम् लेखनम् च।	कथा चत्रमाध्यम	स्वावलम्बनस्य महत्त्वम्	संस्कृतशब्दवाक्यानां शुद्धता	
		व्याकरणतः					
		सन्धिः -- दीर्घगुणश्च।	व्याकरणज्ञानम्	गणत शक्षकस्य सहायतया	सन्धिकार्यं कमर्थं	पदनिर्माणम्	

					करणीयम्?	
		रु चरातः --				
जून	15	चतुर्थः पाठः हास्यबालक वसम्मेलनम्।	हास्य वनोदरसस्य परिचयः	चल चत्रं शयित्वा	हास्यरसः	गद्यपद्ययोः अनुवादः
		व्याकरणतः ---				
		शब्दरूपा ण - बालकवत्, लतावत्, फलवत् नदी, मुनि, भानु, साधु, कम्, तत्, एतत् (त्रिषु लङ्गेषु)।	शब्द परिचयः लेखनम्	संगीतसाधनैः दृश्यश्रव्यमाध्य मेन	शब्दरूपाणां स्मरणं लेखनं च।	शब्दरूपाणां ज्ञानम्
		अनुवादकार्यम् चत्रवर्णनम् उपपद वभ कःसामान्यः परिचयः।	पदपरिचयः	-----	कर्तृ क्रयामेलनम्	अनुवादकार्यम्
		प्रत्ययाः -- क्त्वा, तुमुन् ल्यप् च।	पदपरिचयः	-----	वाक्ये प्रत्ययप्रयोगः	प्रत्यये वाक्यनिर्माणम्
		रु चरातः --				
जुलाई	25	पञ्चमः पाठः पण्डिता रमाबाई	रमाबाई महोदयायाः परिचयः	पण्डिता रमाबाई चत्रनिर्माणं कला शिक्षकस्य सहायतया	गद्यपद्यात्मकश ब्दानां वर्णनम्	गद्यपद्ययोः अनुवादः
		षष्ठः पाठः सदाचारः	शष्ठाचारस्य महत्त्वम्	कथाश्रावणेन	गद्यपद्यात्मकश ब्दानां वर्णनम्	गद्यपद्ययोः अनुवादः
		व्याकरणतः ---				
		अव्ययाः - च, अ प, यदा, तदा, कदा, यत्र, तत्र, अत्र, अन्यत्र, कुत्र, सर्वत्र, एव, इव, यथा, तथा, वना, पुरा, अधुना, तु, अधः, उपरि।	व्याकरणपुस्तकस्यप्रयोगः	-----	प्रयोगः कुत्र कथं करणीयम्?	अव्ययैः वाक्यनिर्माणम्
		पर्यायाः 1-25 पर्यन्तम्	व्याकरणपुस्तकस्यप्रयोगः	-----	पर्यायः कं भवति?	पुस्तकात् पर्यायपदानि चत्वा लेखनम्।
		वपर्यायाः 1-20 पर्यन्तम्	व्याकरणपुस्तकस्यप्रयोगः	-----	वपर्यायः कं भवति?	पुस्तकात् वपर्यायपदानि चत्वा लेखनम्।
		संख्या - 1-50 पर्यन्तम्।	व्याकरणपुस्तकस्यप्रयो गः	-----	संख्या का भवति?	पुस्तकात् संख्यावा चपदानि चत्वा लेखनम्।
चत्रवर्णनम्, अनुवादकार्यम् अशु द्वसंशोधनम् च।	वाक्यनिर्माणम्	-----	कर्तृ क्रयामेलनम्	अनुवादकार्यम्		
		रु चरातः --				
अगस्त	23	सप्तमः पाठः सङ्कल्पः सद् धदायकः	कथाश्रावणम्	भगवद्शङ्कर स्य कथावर्णनम्।	सङ्कल्पेन सर्व सद्यति	गद्यपद्ययोः अनुवादः

		अष्टमः पाठः त्रिवर्णः ध्वजः	देशप्रेमस्य भावनां प्रति आकर्षणम्	ध्वजनिर्माणम् गीतमाध्यमेन च।	राष्ट्रध्वजस्य महत्त्वम्	गद्यपद्ययोः अनुवादः
		व्याकरणतः ---				
		अपठित अवबोधनम्, चत्रवर्णनम्, अनुवादकार्यम्, अशुद्धिसंशोधनम् च।	वाक्यनिर्माणम्	-----	कर्तृ क्रयामेलनम् अनुवादकार्यम्।	अनुवादकार्यम्
सतम्बर	23	अर्धवा षकी परीक्षायाः पुनरावृत्तः, अर्धवा षकी परीक्षा च।	अर्धवा षकी परीक्षायाः पुनरावृत्तः, अर्धवा षकी परीक्षा च।	अर्धवा षकी परीक्षायाः पुनरावृत्तः, अर्धवा षकी परीक्षा च।	अर्धवा षकी परीक्षायाः पुनरावृत्तः, अर्धवा षकी परीक्षा च।	अर्धवा षकी परीक्षायाः पुनरावृत्तः, अर्धवा षकी परीक्षा च।
		रु चरातः				
अक्टूबर	16	नवमः पाठः अहम् प वद्यालयं ग मष्या म	शक्षायाः महत्त्वम्	संगीत शक्षकस्य सहायतया	शक्षां प्रति रु चजागरणम्	गद्यशब्दार्थानां ज्ञानम्
		दशमः पाठः वश्वबन्धुत्वम्	वसुधैवकुटुम्बकं भावनायाः जागरणम्	संगीत शक्षकस्य सहायतया	सम्पूर्णजगत् अस्माकं गृहम् अस्याभावनायाः विकासः	गद्यशब्दार्थानां ज्ञानम्
		व्याकरणतः				
		पर्यायाः 26-50 पर्यन्तम्	पदपरिचयः	-----	पर्यायप्रयोगः	लेखनं ज्ञानं च।
		वपर्यायाः 18-38 पर्यन्तम्	पदपरिचयः	-----	वपर्यायपदप्रयोगः	लेखनं ज्ञानं च।
		अव्ययाः	पदपरिचयः	-----	अव्ययपदनिर्माणम्	लेखनं ज्ञानं च।
		धातुरूपा ण - लोट्लङ्लकारयोः - पठ्, चल्, खाद्, पत्, हस्, गम्, खल्, क्रीड्, कृ, अस्, स्मृ, भू। (लट्लृट्लोट्लङ्लकारेषु)	पदपरिचयः	-----	लोट्लङ्लकारयोः प्रयोगः	धातुरूपाणां, क्रयायाः ज्ञानम्
नवम्बर	17	रु चरातः				
		एकादशः पाठः समवायो हि दुर्जयः	सज्जनतायाः विकासः	कथाश्रावणम्	दुर्जनानां प्रवृत्त्याः ज्ञानम्	गद्यशब्दार्थानां ज्ञानम्
		व्याकरणतः -				
		सन्धिः वृद्धयण्।	पदपरिचयः	गणत शक्षकस्य सहायतया	सन्धिकार्यं कमर्थं करणीयम्?	पदनिर्माणम्
		संख्या -1-100 पर्यन्तम्।	पदपरिचयः	गणत शक्षकस्य सहायतया	संख्या का भवति	पुस्तकात् संख्यावाच्यपदानि चत्वा लेखनम्।
		शब्दरूपा ण	पदपरिचयः	-----	शब्दरूपाणां स्मरणं लेखनं च।	शब्दरूपाणां ज्ञानम्
दिसम्बर	22	रु चरातः				व्याकरणज्ञानम्, वाक्यनिर्माणं

						च।
		द्वादशः पाठः वद्याधनम्	ज्ञानस्य महत्त्वम्	संगीत शक्षक य सहायतया भोकगायनम्	वद्यार्जनं कमर्थं करणीयम्?	श्लोकानाम् अर्थः शब्दार्थाः च
		त्रयोदशः पाठः अमृतं संस्कृतम्।	संस्कृतभाषायाः महत्त्वम्	स्वयमेव प्रभाषायाः हृत्त्वम् स्कृत शक्षकेन	देवभाषां प्रति रुच्युत्पन्नम्	पाठस्य अर्थः शब्दार्थाः च
		व्याकरणतः -				
		कारकउपपद वभक्तिः (पञ्चमीषष्ठीसप्तमी) 1 अशुद्धसंशोधनम्	पदपरिचयः	-----	कर्तृ क्रयामेलनम् अनुवादकार्यम्	अनुवादं, पदानां शुद्धकरणम् च।
		प्रत्ययौ - क्त, क्तवतु	पदपरिचयः	-----	वाक्ये प्रत्ययप्रयोगः	प्रत्यये वाक्यनिर्माणम्
जनवरी	19	रु चरातः				
		चतुर्दशः पाठः अनारिकायाः जिज्ञासा	जिज्ञासानिवारणम्	जिज्ञासानिवार णं कथं भवेत्? अस्य निवारणम्	जिज्ञासायाः लाभाः	पाठस्य अर्थः शब्दार्थाः च
		पञ्चदशः पाठः लालनगीतम्	प्रकृतेः आराधना	प्रकृति चित्रणम् ला शक्षकेन हायतया	कः प्राणी कं करोति? अस्यज्ञानम्	श्लोकानाम् अर्थः शब्दार्थाः च
		व्याकरणतः				
		अपठितअवबोधनम्, चित्रवर्णनम्, अनुवादकार्यम्, अशुद्धसंशोधनम् च।	कारकादीनां पदपरिचयः	-----	कर्तृ क्रयाज्ञानम्	अनुवादं, पदानां शुद्धकरणम् च।
फरवरी	07	वा र्षकपरीक्षायाः पुनरावृत्तः, वा र्षकपरीक्षा च।	वा र्षकपरीक्षायाः पुनरावृत्तः, वा र्षकपरीक्षा च।	वा र्षकपरीक्षा : पुनरावृत्तः, र्षकपरीक्षा च।	वा र्षकपरीक्षायाः पुनरावृत्तः, वा र्षकपरीक्षा च।	वा र्षकपरीक्षायाः पुनरावृत्तः, वा र्षकपरीक्षा च।

**SUBJECT: MATHEMATICS**

**Prescribed Book: 1. Mathematics for Class-VII (NCERT)**

**2. Mathematics Lab. Manual Class VII – Hudson Press**

**Reference Book: 3. Mathematics – VII (Maths Wisdom) – G. Ram Books (P.) LTD.**

Month	WD / NOP	Chapter/ Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended learning
APRIL	23 Days	<b>1.Integers</b> *Introduction *Addition of Integers *Properties of Addition of Integers *Subtraction of Integers *Properties of Subtraction of Integers *Multiplication of Integers *Properties of Multiplication of Integers *Division of Integers *Properties of Division of Integers *Order of Operations and Use of Brackets	*Addition of Integers *Properties of Addition of Integers *Subtraction of Integers *Properties of Subtraction of Integers *Multiplication of Integers *Properties of Multiplication of Integers *Division of Integers *Properties of Division of Integers *Order of Operations and Use of Brackets	Integrated with *Physical Education	Lab. Manual Activity	*Class assignment based on questions from Textbook  *Home assignments based on revision Exercise  *Lab activity
		<b>2.Fractions and Decimals</b> *Introduction of Fractions *Comparison of Fractions *Addition and Subtraction of Fractions *Multiplication of Fractions *Reciprocal of a Fraction *Fraction as an Operator *Division of Fractions *Order of Operations *Introduction of Decimals *Like Decimals and Unlike Decimals *Expanded form of a Decimal *Comparison of Decimals *Conversion of a Decimal into Fraction *Conversion of a Fraction into Decimal *Addition and Subtraction of Decimals *Multiplication of Decimals *Division of Decimals	*Comparison of Fractions *Addition and Subtraction of Fractions *Multiplication of Fractions *Reciprocal of a Fraction *Fraction as an Operator *Division of Fractions *Order of Operations *Introduction of Decimals *Like Decimals and Unlike Decimals *Expanded form of a Decimal *Comparison of Decimals *Conversion of a Decimal into Fraction *Conversion of a Fraction into Decimal *Addition and Subtraction of Decimals *Multiplication of Decimals *Division of Decimals	Integrated with *Quilt Art Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook  *Home assignments based on revision Exercise  *Lab activity
MAY	10 Days	<b>2.Fractions and Decimals (Contd.)</b>				

JUNE	15 Days	<b>7. Algebraic Expressions</b> *Introduction *Terms of an Expression *Factors of a Term *Degree of an Expression *Types of Algebraic Expressions *Addition and Subtraction of Algebraic Expressions *Value of an Expression *Forming Patterns in Algebra	*Terms of an Expression *Factors of a Term *Degree of an Expression *Types of Algebraic Expressions *Addition and Subtraction of Algebraic Expressions *Value of an Expression *Forming Patterns in Algebra	Integrated with *Tile art Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
		<b>13.Data Handling</b> *Introduction *Organisation of Data *Bar Graph *Double Bar Graph *Measures of Central Tendency *Probability	*Organisation of Data *Bar Graph *Double Bar Graph *Measures of Central Tendency *Probability	Integrated with *To Collecting & sorting objects Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
JULY	25 Days	<b>3.Simple Equations</b> *Introduction *Linear Equations in One Variable *Solution of a Linear Equation in One Variable *Forming an Equation *Solving an Equation *Applications of Linear Equations	*Linear Equations in One Variable *Solution of a Linear Equation in One Variable *Forming an Equation *Solving an Equation *Applications of Linear Equations	Integrated with *Paper Craft Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
		<b>4.Rational Numbers</b> *Introduction *Positive and Negative Rational Numbers *Equivalent Rational Numbers *Standard Form of a Rational Number *Rational Numbers on Number line *Equality of Rational Numbers *Comparison of Rational Numbers *Rational Numbers between two Rational Numbers *Operations on Rational Numbers *Decimal number as Rational or Irrational number	*Positive and Negative Rational Numbers *Equivalent Rational Numbers *Standard Form of a Rational Number *Rational Numbers on Number line *Equality of Rational Numbers *Comparison of Rational Numbers *Rational Numbers between two Rational Numbers *Operations on Rational Numbers *Decimal number as Rational or Irrational number	Integrated with *Pixel Art Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
AUG	23 Days	<b>5.Comparing Quantities</b> *Introduction	*Ratio *Ratio in Simplest Form	Integrated with *Paper	Lab. Manual Activity	*Class assignment based on



		<ul style="list-style-type: none"> <li>*Ratio</li> <li>*Ratio in Simplest Form</li> <li>*Equivalent Ratios</li> <li>*Comparison of Ratios</li> <li>*Unitary Method</li> <li>*Percentage</li> <li>*Increase or Decrease as per cent</li> <li>*Profit and Loss</li> <li>*Simple Interest.</li> </ul>	<ul style="list-style-type: none"> <li>*Equivalent Ratios</li> <li>*Comparison of Ratios</li> <li>*Unitary Method</li> <li>*Percentage</li> <li>*Increase or decrease as per cent</li> <li>*Profit and Loss</li> <li>*Simple Interest.</li> </ul>	crafting Activity		<ul style="list-style-type: none"> <li>questions from Textbook</li> <li>*Home assignments based on revision Exercise</li> <li>*Lab activity</li> </ul>
		<p><b>14. Visualising Solid Shapes</b></p> <ul style="list-style-type: none"> <li>*Introduction</li> <li>*Solid shapes</li> <li>*Euler's Formula</li> <li>*Nets of Solid shapes</li> <li>*Drawing Solids on a Flat Surface</li> <li>*Visualising Solids</li> </ul>	<ul style="list-style-type: none"> <li>*Solid shapes</li> <li>*Euler's Formula</li> <li>*Nets of Solid shapes</li> <li>*Drawing Solids on a Flat Surface</li> <li>*Visualising Solids</li> </ul>	Integrated with *Shape Collages Activity or Popstick Play Activity	Lab. Manual Activity	<ul style="list-style-type: none"> <li>*Class assignment based on questions from Textbook</li> <li>*Home assignments based on revision Exercise</li> <li>*Lab activity</li> </ul>
<b>SEPT</b>	<b>12 Days</b>					
<b>OCT</b>	<b>16 Days</b>	<p><b>6. Exponents and Powers</b></p> <ul style="list-style-type: none"> <li>*Introduction</li> <li>*Exponents</li> <li>*Powers of Negative Integers</li> <li>*Reciprocal of a Rational Number</li> <li>*Laws of Exponents</li> <li>*Expressing Large Numbers in Standard Form</li> </ul>	<ul style="list-style-type: none"> <li>*Exponents</li> <li>*Powers of Negative Integers</li> <li>*Reciprocal of a Rational Number</li> <li>*Laws of Exponents</li> <li>*Expressing Large Numbers in Standard Form</li> </ul>	Integrated with *Paper folding Activity	Lab. Manual Activity	<ul style="list-style-type: none"> <li>*Class assignment based on questions from Textbook</li> <li>*Home assignments based on revision Exercise</li> <li>*Lab activity</li> </ul>
		<p><b>12. Symmetry</b></p> <ul style="list-style-type: none"> <li>*Introduction Symmetry</li> <li>*Line of Symmetry</li> <li>*Reflection Symmetry</li> <li>*Rotational Symmetry</li> <li>*Line Symmetry and Rotational Symmetry</li> </ul>	<ul style="list-style-type: none"> <li>*Symmetry</li> <li>*Line of Symmetry</li> <li>*Reflection Symmetry</li> <li>*Rotational Symmetry</li> <li>*Line Symmetry and Rotational Symmetry</li> </ul>	Integrated with *Punching game Activity	Lab. Manual Activity	<ul style="list-style-type: none"> <li>*Class assignment based on questions from Textbook</li> <li>*Home assignments based on revision Exercise</li> <li>*Lab activity</li> </ul>
<b>NOV</b>	<b>17 Days</b>	<p><b>10. The Triangle and Its Properties</b></p> <ul style="list-style-type: none"> <li>*Introduction</li> <li>*Regions of a Triangle</li> <li>Classification of Triangles</li> <li>*Median of a Triangle</li> <li>*Altitude of a Triangle</li> <li>*Angle sum Property of a Triangle</li> <li>*Exterior Angle Property of A triangle</li> <li>*Triangle Inequality Property</li> <li>*Pythagoras Theorem</li> </ul>	<ul style="list-style-type: none"> <li>*Regions of a Triangle</li> <li>Classification of Triangles</li> <li>*Median of a Triangle</li> <li>*Altitude of a Triangle</li> <li>*Angle sum Property of a Triangle</li> <li>*Exterior Angle Property of A triangle</li> <li>*Triangle Inequality Property</li> <li>*Pythagoras Theorem</li> </ul>	Integrated with *Warli art and painting Activity	Lab. Manual Activity	<ul style="list-style-type: none"> <li>*Class assignment based on questions from Textbook</li> <li>*Home assignments based on revision Exercise</li> <li>*Lab activity</li> </ul>

DEC	22 Days	<b>11. Congruence of Triangles</b> *Introduction *Congruent Figures *Congruence of Line Segments *Congruence of Angles *Congruence of Circles *Congruence of squares *Congruence of Rectangles *Congruence of Triangles *Conditions for Congruence of Triangles	*Congruent Figures *Congruence of Line Segments *Congruence of Angles *Congruence of Circles *Congruence of squares *Congruence of Rectangles *Congruence of Triangles *Conditions for Congruence of Triangles	Integrated with *Warli art and painting Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
		<b>9. Lines and Angles</b> *Introduction *Types of Angles *Pair of Angles *Pair of Lines *Angles made by a Transversal *Pair of Lines *Angles made by a Transversal	*Types of Angles *Pair of Angles *Pair of Lines *Angles made by Transversal *Pair of Lines *Angles made by Transversal	Integrated with *Digital art Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
JAN	19 Days	<b>8. Perimeter and Area</b> *Introduction *Perimeter *Area *Area of Four walls of a room *Area of Rectangular Paths *Area of Parallelogram *Area of Triangle *Circumference and Area of a Circle	*Perimeter *Area *Area of Four walls of a room *Area of Rectangular Paths *Area of Parallelogram *Area of Triangle *Circumference and Area of a Circle	Integrated with *Mondrian art Activity	Lab. Manual Activity	*Class assignment based on questions from Textbook *Home assignments based on revision Exercise *Lab activity
FEB	07 Days					

**SUBJECT : (SCIENCE) - PHYSICS**

**Text Book : 1. N.C.E.R.T**

**2. HUDSON SCIENCE 7**

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
	NOP					
April	23	<b>HEAT</b> <ul style="list-style-type: none"> <li>Heat,</li> <li>Effects of heat, Transformation of Heat Energy,</li> <li>Hot and cold,</li> <li>Temperature,</li> <li>Different scales of temperature,</li> <li>Thermometer,</li> <li>Clinical and Laboratory thermometer,</li> </ul>	<ul style="list-style-type: none"> <li>Temperature</li> <li>Heat</li> <li>Conductors</li> <li>Insulators</li> <li>Thermal Equilibrium</li> <li>Thermometer</li> </ul>	Collect the pictures of different types of thermometers and paste them in your scrapbook. Also mention the use of each thermometer.	To show clinical and laboratory thermometer.	Take a thermometer and measure the body temperature of at least 10 students. Note down the readings and find out the average temperature of the body.
May	10	<b>HEAT (Contd.)</b> <ul style="list-style-type: none"> <li>Transfer of Heat,</li> <li>Conduction</li> <li>Convection</li> </ul>	<ul style="list-style-type: none"> <li>Conduction</li> <li>Convection</li> <li>Conductors</li> <li>Insulators</li> </ul>	<b>Geography</b> Transfer of Heat,	To show conduction of heat through solids.	To show water is a poor conductor of heat
June	15	<b>HEAT (Contd.)</b> <ul style="list-style-type: none"> <li>Radiation.</li> <li>Conductors and Insulators,</li> <li>Applications of Transfer of heat.</li> </ul>	<ul style="list-style-type: none"> <li>Radiation</li> <li>Thermos flask</li> <li>Good and poor absorber</li> </ul>	<b>Art and Craft :</b> Clay modelling to see the effects of heat.	To study the pattern of convection.	Collect different types of materials and classify them into good and bad conductors of heat.
July	25	<b>MOTION AND TIME</b> <ul style="list-style-type: none"> <li>Objects in motion,</li> <li>Slow and fast,</li> <li>Speed,</li> <li>Unit of speed,</li> <li>Types of motion</li> </ul>	<ul style="list-style-type: none"> <li>Motion</li> <li>Speedometer</li> <li>Periodic motion</li> <li>Pendulum</li> <li>Oscillation</li> <li>Time-period</li> <li>Speed</li> <li>Speedometer</li> <li>Odometer</li> </ul>	<b>Geography</b> Motion, Types of motion	To find average speed of objects at different situation	Collect information about time measuring devices used in ancient times in different parts of the world.
Aug	23	<b>MOTION AND TIME (Contd.)</b> <ul style="list-style-type: none"> <li>Measurement of time,</li> <li>Simple Pendulum,</li> <li>Measuring speed and time,</li> <li>Graphical representation,</li> <li>Distance – Time graphs.</li> </ul>	<ul style="list-style-type: none"> <li>Periodic motion</li> <li>Candle clock</li> <li>Sundial</li> <li>Water clock</li> <li>stopwatch</li> <li>Uniform motion</li> <li>Non-uniform motion</li> <li>Straight line graph</li> <li>Distance-time graph</li> <li>Slope of the graph</li> </ul>	Integrated with Mathematics - speed, time and work	To find the time period of a simple pendulum.  Sketch a distance-time graphs	Make a model of sand clock which can measure a time interval of 2 minutes.
Sep	12	<ul style="list-style-type: none"> <li><b>Revision</b></li> <li><b>Mid-Term Examination</b></li> <li><b>QP discussion</b></li> </ul>	<ul style="list-style-type: none"> <li>REVISION</li> </ul>			
Oct	16	<b>ELECTRIC CURRENT AND ITS EFFECTS</b> <ul style="list-style-type: none"> <li>Electric current,</li> </ul>	<ul style="list-style-type: none"> <li>Circuit</li> <li>Switch</li> <li>Fuse</li> <li>Electromagnet</li> </ul>	<b>Music :</b> How different electric gadgets produce different sounds.	To show that current is flowing through simple electric circuit	To observe the heating and magnetic effect of electricity.

		<ul style="list-style-type: none"> <li>• Symbols of some electrical components,</li> <li>• combination of some electric cells,</li> <li>• Electrical circuits and circuit diagram,</li> <li>• Open and close circuit,</li> <li>• Effect of electric current.</li> </ul>	<ul style="list-style-type: none"> <li>• Solenoid</li> <li>• Closed circuit</li> <li>• Open circuit</li> <li>• Cell</li> <li>• Battery</li> </ul>			
Nov	17	<p><b><u>ELECTRIC CURRENT AND ITS EFFECTS (contd.)</u></b></p> <ul style="list-style-type: none"> <li>• Heating effect of electric current,</li> <li>• Magnetic effect of electric current,</li> <li>• Electromagnet,</li> <li>• Electric bell,</li> <li>• Fuse,</li> <li>• Miniature Circuit Breaker.</li> </ul>	<ul style="list-style-type: none"> <li>• Circuit Diagram</li> <li>• Heating Effect</li> <li>• Magnetic Effect</li> <li>• MCB</li> <li>• Short circuits</li> <li>• Overloading</li> <li>• Solenoid</li> <li>• Electric bell</li> <li>• Armature</li> <li>• Electric motors</li> </ul>	Art and Craft - Heating effect.	To show magnetic behavior of a conducting wire on passing electric current through it.	To make an electromagnet of 20, 40, 60 and 80 turns and compare their strengths.
Dec	22	<p><b><u>LIGHT</u></b></p> <ul style="list-style-type: none"> <li>• Light, Ray and beams of light,</li> <li>• Rectilinear propagation of light,</li> <li>• Reflection of light,</li> <li>• Reflecting surfaces,</li> <li>• Mirrors,</li> <li>• Images,</li> <li>• Real and Virtual images,</li> <li>• Images formed by plane mirror,</li> <li>• Lateral Inversion.</li> </ul>	<ul style="list-style-type: none"> <li>• Light</li> <li>• Rectilinear propagation</li> <li>• Reflection of light</li> <li>• Diffused reflection</li> <li>• Regular reflection</li> <li>• Laws of reflection</li> <li>• Reflected Ray</li> <li>• Incident Ray</li> <li>• Point of Incidence</li> <li>• Normal</li> <li>• Angle of incidence</li> <li>• Angle of Reflection</li> <li>• Plane Mirror</li> <li>• Lateral Inversion</li> </ul>	Art Integration with effects of Light on colours.	To study the image formed by different mirrors.	Place a stick of known length on an open area.  Comparing the position and size of the shadow formed in morning and evening.
Jan	19	<p><b><u>LIGHT (contd.):</u></b></p> <ul style="list-style-type: none"> <li>• Spherical mirrors, Formation of images by concave and convex mirror,</li> <li>• Ray diagram for the image formation by spherical mirrors, lenses,</li> <li>• Converging and diverging action of lenses,</li> <li>• Ray diagram for image formation through lenses,</li> <li>• Dispersion of white light (Sunlight).</li> </ul>	<ul style="list-style-type: none"> <li>• Periscopes</li> <li>• Kaleidoscope</li> <li>• Spherical mirrors</li> <li>• Concave Mirror</li> <li>• Convex Mirror</li> <li>• Real Image</li> <li>• Virtual Image</li> <li>• Magnified Image</li> <li>• Diminished Image</li> <li>• Convex Lens</li> <li>• Concave Lens</li> <li>• Dispersion</li> <li>• Spectrum</li> <li>• VIBGYOR</li> <li>• Newton's colour disc</li> <li>• rainbow</li> </ul>	Colour mixing (Visual Art)	To study the nature of image formed by concave and convex lens.	Watch short films using shadow puppets on the internet and share their learning in the class.
Feb	07	<ul style="list-style-type: none"> <li>• <b>Revision</b></li> <li>• <b>Annual Examination</b></li> <li>• <b>Bridge Classes</b></li> </ul>	<ul style="list-style-type: none"> <li>• REVISION</li> </ul>			

**SUBJECT : (SCIENCE) - CHEMISTRY**

**Text Book : Hudson Science**

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended earning
APRIL	23	<p><b>CHAPTER- ACIDS, BASES AND SALTS</b></p> <ul style="list-style-type: none"> <li>Acidic Substances:</li> <li>Acidic food items</li> <li>Properties and types of acid</li> <li>Basic Substances</li> <li>Bases and its properties</li> <li>Natural indicators around us-</li> <li>Litmus: A natural dye</li> <li>Turmeric</li> <li>China Rose</li> <li>Synthetic indicators:</li> <li>Methyl Orange</li> <li>Phenolphthalein</li> <li>pH scale</li> </ul>	<ul style="list-style-type: none"> <li>Natural Acids/ Organic Acids</li> <li>Mineral acids</li> <li>Properties of Acid</li> <li>Strong and Weak Bases</li> <li>Identify acids, bases and neutrals in everyday life.</li> <li>Sort substances into acids, bases and neutrals.</li> <li>Acid Base Indicators</li> <li>Definition of salt, properties and uses of salts</li> <li>Acidic salts</li> <li>Basic salts</li> <li>Neutral salts</li> </ul>	Greeting card making using natural indicators	To demonstrate the effect of litmus paper turmeric paper and china rose solution on chemicals available in school laboratory: hydrochloric acid, sulphuric acid, nitric acid, acetic acid, sodium hydroxide, ammonium hydroxide, calcium hydroxide (lime water).	Evaluate the effectiveness of certain neutralization reactions employed in everyday life, based on observed data.
MAY	10	<p><b>CHAPTER- ACIDS, BASES AND SALTS</b></p> <p>(Continued):-</p> <ul style="list-style-type: none"> <li>Definition of salt</li> <li>Properties and uses of salts</li> <li>Types of salts</li> </ul>	<ul style="list-style-type: none"> <li>Salts</li> <li>Properties of salts</li> <li>Uses of salts</li> <li>Types of salts</li> <li>Acidic salts</li> <li>Basic salts</li> <li>Neutral salts</li> </ul>	Activity on painting of basic solution on turmeric powder	To demonstrate neutralization reaction.	Find out the name of two olfactory indicators and observe their change in smell when react with acids and bases
JUNE	15	<p>Ch-Acids, bases and salts(continued):-</p> <ul style="list-style-type: none"> <li>Phenolphthalein as an indicator for neutralization reaction</li> <li>Neutralization</li> <li>Neutralization in everyday life</li> </ul>	<ul style="list-style-type: none"> <li>Neutralization</li> <li>Effect of neutralization in daily life</li> </ul> <p>Indigestion, Ant bite, Soil treatment, Factory wastes and acid rain.</p>		To demonstrate phenolphthalein as an indicator for neutralization reaction	<ul style="list-style-type: none"> <li>To identify the soil sample as acidic and basic using indicators.</li> </ul>

<b>JULY</b>	<b>25</b>	<p>Ch- Physical and Chemical changes:-</p> <ul style="list-style-type: none"> <li>Physical and chemical Change</li> <li>Difference between physical and chemical Change</li> <li>Burning : a chemical change</li> <li>Chemical reaction</li> <li>Rusting of iron</li> <li>Conditions necessary for rusting Prevention from Rusting</li> <li>Galvanization</li> </ul>	<ul style="list-style-type: none"> <li>Physical and chemical changes.</li> <li>Differences between physical and chemical changes.</li> <li>Rusting of iron and its prevention.</li> <li>Necessary conditions for rusting of iron.</li> <li>Galvanisation</li> </ul>	<p>Brochure on “Importance of various Bio chemical processes happening in our body. (Respiration )</p>	<ul style="list-style-type: none"> <li>To demonstrate that oxygen and water are necessary for rusting to occur.</li> <li>To demonstrate combustion of magnesium ribbon.</li> </ul>	<p>To find various combustion reaction occurring in our day to day life and its necessary condition</p>
<b>AUG</b>	<b>23</b>	<p><b>Ch- Physical and chemical changes(continued):-</b></p> <ul style="list-style-type: none"> <li>Crystallization</li> <li>Displacement Reaction</li> <li>Combustion</li> </ul> <p><b>Revision</b></p>	<ul style="list-style-type: none"> <li>Crystallisation</li> <li>Displacement reaction</li> <li>combustion</li> </ul>	<p>Poster making on - Acid rain / Global warming due to combustion of fossil fuel and forest fire.</p>	<ul style="list-style-type: none"> <li>To demonstrate a displacement reaction (Iron with copper sulphate)</li> <li>To test the presence of carbon dioxide when vinegar reacts with baking soda</li> </ul>	<p>Find and collect some rusted objects from your surroundings and try out some ways to prevent rusting of the objects.</p>
<b>SEPT</b>	<b>12</b>	<b>Revision</b>				
<b>OCT</b>	<b>16</b>	<p>Chapter- Waste water Story Water:</p> <ul style="list-style-type: none"> <li>Our lifeline Water for life</li> <li>Wastewater and its sources,</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Sewage</li> <li>Journey of wastewater</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Active citizen</li> <li>Better housekeeping practices</li> <li>Alternative arrangements for sewage disposal</li> <li>Swachha Bharat</li> </ul>	<ul style="list-style-type: none"> <li>Waste water management</li> <li>Sewage water</li> <li>Sanitation</li> <li>Sewage disposal</li> <li>Sewer</li> <li>Sewerage</li> <li>Manhole</li> <li>Soak pits</li> <li>Chemical toilets</li> <li></li> </ul>	<p>To make a model and its flow chart of waste-water treatment plant.</p>	<p>To demonstrate the working of a wastewater treatment plant.</p>	<p>To study the sewage system of the town and find the proper solution for better sewage system during rainy season</p>

		Abhiyan				
<b>NOV</b>	<b>17</b>	Chapter- Waste water Story Water(continued):-	<ul style="list-style-type: none"> <li>• Water - borne diseases</li> <li>• Aeration</li> <li>• Sedimentation</li> <li>• Settling tank</li> <li>• Chlorination</li> <li>Bar screens</li> </ul>	To observe the effect of adding chlorine tablets in water.	To make a chart of diseases caused by poor sanitation system in the town and at home.	To study the sanitation system of the town at public places.
		<ul style="list-style-type: none"> <li>• Treatment of polluted water</li> </ul>				
		<ul style="list-style-type: none"> <li>• Wastewater treatment plant</li> <li>• Physical purification</li> <li>• Biological purification</li> <li>• Chemical purification</li> </ul>				
		<ul style="list-style-type: none"> <li>• Wastewater management</li> </ul>				
<b>DEC</b>	<b>22</b>	Chapter- Waste water Story Water(continued):-	<ul style="list-style-type: none"> <li>• Controlling of sewage generation</li> <li>• Sanitation and diseases</li> </ul>		Collect samples of water from these pools and look for larvae of mosquitoes. Suggest measures to prevent breeding of mosquitoes in your neighbourhood.	Explore the ways to clear the clogged drains of bathroom.
		<ul style="list-style-type: none"> <li>• Controlling of sewage generation</li> </ul>				
<b>JAN</b>	<b>19</b>	Chapter- Waste water Story Water(continued):-	<ul style="list-style-type: none"> <li>• Methods of sewage disposal</li> <li>• Sanitation at public places</li> </ul>			Prepare slides of waste water from various sources and then observe the types of microorganisms under a high resolution microscope.
		<ul style="list-style-type: none"> <li>• Economical methods of sewage disposal</li> </ul>				
		<ul style="list-style-type: none"> <li>• Sanitation at public places.</li> </ul>				
		<b>REVISION</b>				
		<b>REVISION</b>				
<b>FEB</b>	<b>7</b>	<b>REVISION</b>				

**SUBJECT : (SCIENCE) - BIOLOGY**

**Text Book : 1. HUDSON SCIENCE - 7**

Month	WD	Chapter/Sub-Topic	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
	NOP					
<b>April</b>	23/8	<b>Chapter 1:</b> Nutrition in plants -Autotrophic nutrition Heterotrophic nutrition Parasites Saprophytes insectivorous plant	<ul style="list-style-type: none"> <li>• Autotrophic nutrition</li> <li>• Heterotrophic nutrition</li> <li>• Parasites</li> <li>• Saprophytes</li> <li>• photosynthesis</li> <li>• symbiotic plants</li> <li>• insectivorous plants</li> </ul>	By using paper cups and ice cream sticks, segregate the different types of plant having different mode of nutrition.	To observe the stomata in the leaf peel.	FLOW CHART on types of nutrition in plants with brief description & examples with videos
<b>May</b>	10/4	<b>Chapter 1:</b> Nutrition in plants(CONTD.)  Replenishment of nutrients in soil. <b>worksheet</b>	Replenishment of nutrients in soil.		Significance of Plants in our life and also sun as the source of ultimate energy	Collect information on nutritional requirements of a plant.
<b>June</b>	25/15	<b>Chapter 8:</b> Reproduction in Plants -asexual reproduction -vegetative propagation -Budding -fragmentation -Spore formation	<ul style="list-style-type: none"> <li>• asexual reproduction</li> <li>• vegetative propagation</li> <li>• Budding</li> <li>• fragmentation</li> <li>• Spore formation</li> </ul>	clay modeling to make flower with all its parts-sepal, petals, thalamus, stamen and pistil.	To study spores of Rhizopus under microscope	Field visit to school garden and surrounding to observe the different kind of reproduction process in plants. For example Rose, Hibiscus, Dhalia, bryophyllum, marigold etc
<b>July</b>	25/7	<b>Chapter 8:</b> Reproduction in Plants  -Pollination -Fertilization -Seed Dispersal <b>worksheet</b>	<ul style="list-style-type: none"> <li>• Pollination</li> <li>• Fertilization</li> <li>• Seed Dispersal</li> </ul>	Arrange the events in order to show Journey of a plant.	Dissection of a China rose flower to locate pistils and stamens.	
<b>Aug</b>	23/7	<b>Chapter12:</b> Forest our life line.  -Forest Layers - Uses of Forests -Interdependence between plants and animals Deforestation <b>worsheet</b>	<ul style="list-style-type: none"> <li>• Forest Layers</li> <li>• Uses of Forests</li> <li>• Interdependence between plants and animals</li> <li>• Deforestation</li> </ul>	story on the given topic: Animal Forest and conservation of forest.	Draw a forest and label its different layers, also mention plants and animals found in each layer	Collect the information on importance of forest coverage of India
<b>Sept</b>	12	<b>Revision and Assessment I</b>				
<b>Oct</b>	16/6	<b>Chapter 2:</b> Nutrition in animals -Hetrotrophic Nutrition -Holozoic Nutrition -Digestive System Ruminants	<ul style="list-style-type: none"> <li>• Hetrotrophic Nutrition</li> <li>• Holozoic Nutrition</li> <li>• Digestive System Ruminants</li> </ul>	Make a model of human digestive system on card board using different food items.	Action of saliva on starch	Collect the data from internet and make a Report on Hunger index and wastage of food in India.



<b>Nov</b>	17/6	<b>Chapter 6:</b> Respiration in organisms. -Aerobic respiration -Anaerobic respiration -Breathing -Inhalation -Exhalation -Breathing rate -Breathing in other animals -Respiration in plants	<ul style="list-style-type: none"> <li>• Aerobic respiration</li> <li>• Anaerobic respiration</li> <li>• Breathing</li> <li>• Inhalation</li> <li>• Exhalation</li> <li>• Breathing rate</li> <li>• Human respiratory system</li> <li>• Breathing in other animals</li> <li>• Respiration in plants</li> </ul>	Integrated with physical Education - Observing the change in breathing rate through exercise	<p>1. Activity to show that air we breathe out is rich in carbon dioxide</p> <p>2. Observe the anaerobic respiration in yeast during the fermentation process</p>	PPT on the chapter
<b>Dec</b>	22/8	<b>Chapter 10:</b> Transportation in Animals and Plants -Blood Blood Vessels Heart	<ul style="list-style-type: none"> <li>• Blood</li> <li>• Blood Vessels</li> <li>• Heart</li> </ul>	To make a model of heart using the clay	Activity to show that water from roots travel through stem.	Animation on working of heart and excretory system.
<b>Jan</b>	19/8	<b>Chapter 10:</b> Transportation in Animals and Plants(contd.) -Excretory System -Vascular Tissue- Xylem and Phloem -Transpiration -Translocation	<ul style="list-style-type: none"> <li>• Kidneys</li> <li>• Urine.</li> <li>• Vascular Tissue-Xylem and Phloem</li> <li>• Transpiration</li> <li>• Translocation</li> </ul>		. To make your own stethoscope in HOL Lab	Research in detail about Artificial Dialysis
<b>Feb</b>	7	<b>Revision and TERM II Assessment</b>				

**SUBJECT : (SOCIAL SCIENCE) - HISTORY+SPL**

**Text Book:1. Integrated Social Science**

(Ratna Sagar Publication)

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
	NOP					
April	23	<b>(HISTORY)</b> <b>CH 1: The Medieval Period</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Cartography and other sources of history</li> <li>• Sources for studying medieval Indian history.</li> <li>• Major political and economic developments in India</li> <li>• New social and economic developments in India</li> <li>• New social and political groups</li> <li>• Major religious developments in India</li> </ul>	Cartography, Historians and their sources, Sources for studying Medieval Indian History, Archaeological sources, literary sources, Major political Developments in India, Major Economic Developments, New social and political groups, Major religious development.	Making a presentation on medieval monuments in your region	Making a project on the history of any three food items or beverages that came to India in the medieval period	Find out the names of 2-3 famous Bhakti and Sufi saints of India
		<b>(HISTORY)</b> <b>Ch 2: The Regional Kingdoms - I</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Important kingdoms in the Indian subcontinent during 700-1200</li> </ul>	The Rajput's, the Palas, the Gurjara Pratiharas, the Rashtrakutas, Tripartite Struggle, Administration of Regional	NA	NA	NA
May	10	<b>(SPL)</b> <b>Ch 1: Democracy</b> <b>Ch 2: Pillars of Democracy in Action</b> <ul style="list-style-type: none"> <li>• Equality in Indian democracy</li> <li>• Decision -making mechanism</li> <li>• Accommodation of differences</li> <li>• Guarantee to individual dignity</li> <li>• Other democracy and their struggle for equality</li> </ul>	Equality in Indian Democracy, political equality, Social equality, economic equality, Decision making Mechanism, Accommodation of Differences, Guarantee of individual dignity	NA	Having a class discussion on the importance of social equality and making charts about the role of Dr. Ambedkar, Rosa Parks and Martin Luther King	NA
June	15	<b>(HISTORY)</b> <b>Ch 5: The Great Mughals</b> <ul style="list-style-type: none"> <li>• The Great Mughals -Babur, Humayun and some of their achievements</li> <li>• Sher Shah Suri and his contributions</li> <li>• Jahangir, Shah Jahan, Aurangzeb, and their reigns</li> <li>• Important features of the Mughal administrative system</li> </ul> The Mughal Empire after the Great Mughals	Babur, Humayun, Sher Shah Suri, Jahangir, Shah Jahan, Aurangzeb, The Mughal Empire after the Great Mughals	Songs presentation of Tansen (One of the nine gems of Akbar)	On a political outline map of India, mark the extent of the Akbar's empire	Case Study: Royal Ladies of the Mughal Era.
		<b>(SPL)</b> <b>Ch 2 : State Government – Its working and Role</b> <ul style="list-style-type: none"> <li>• Federal system</li> <li>• Process of making laws</li> <li>• Role of State government</li> <li>• The state legislatures</li> <li>• The state executive</li> </ul>	Federal System, The State Legislature, Legislative Assembly, Legislative Council, Qualifications of Members of the State Legislatures, Ordinary Bill, Money Bill	Role playing on assembly debate	NA	Find out the names of last five speakers and the years in which they served also

						find out the powers given to them
July	25	<b>(HISTORY)</b> <b>Ch 9: Religious Beliefs</b> <ul style="list-style-type: none"> <li>Bhakti its spread in India and some famous Bhakti saints</li> <li>The birth of Sikhism</li> <li>Islam, Sufism, and its features</li> <li>Other sects and movements</li> <li>Pilgrimages</li> </ul>	The Bhakti Movement, Bhakti in South India, Bhakti in North India, Bhakti in west India, The Birth, Other sects and Movements, Pilgrimages	A bhajan of Meera Bai and the significance of it in Bhakti Movements	NA	Find out any dargahs, gurudwaras or temples associated with the saints of the Bhakti tradition and describe what you see and hear.
August	23	<b>(SPL)</b> <b>Ch 5: Media and Democracy</b> <ul style="list-style-type: none"> <li>Definition of media</li> <li>Public opinion and media in democracy</li> <li>Responsibilities and freedom of media</li> <li>Legal checks and RTI</li> <li>Different forms of Media</li> <li>Censorship</li> </ul>	Different forms of Mass Media, Public Opinion, Importance of Media in a Democracy, Media and Its Responsibilities, Freedom of Media in a democracy, Legal Checks and Media, Right to information Act	Make a collage or a chart on the role of media in promotion of: Save the Tiger or Namami Gange Programme	Making a collage on various forms of media.	NA
September	12					
October	16	<b>(SPL)</b> <b>Ch 6: Advertising</b> <ul style="list-style-type: none"> <li>Objective of advertising</li> <li>Types and techniques of advertising</li> <li>Advantages and disadvantages of advertising</li> <li>Media and advertising</li> <li>Social responsibility</li> </ul>	Types of Advertising, Advertising Techniques, Advantages & Disadvantages of Advertisements Media and Advertising, Social Responsibility	Role playing on the products and its advertisements with punch lines	Collect different types of advertisement from the newspaper, categorized them.	Make an advertising poster on social issues with Slogan
November	17	<b>(SPL)</b> <b>Ch 8: Role of Gender</b> <ul style="list-style-type: none"> <li>Women in the household and stereotypes</li> <li>Women community and social evils</li> <li>Women in public places</li> <li>Role of media and education</li> <li>Equality, Constitution, gender and government initiatives</li> <li>Understanding inequality</li> </ul>	Women in the Household, Stereotypes, Women Community and Social Evils, Women in Public Places, Equality constitution and Gender	Make a poster with a slogan on 'Double Burden'	NA	Find out the Ladli schemes launched in schools
December	22	<b>(HISTORY)</b> <b>Ch 11: Political Formation</b> (Downfall of Mughals, Awadh, Hyderabad, Marathas and Sikhs)	The Later Mughals, Foreign Invaders, Rise of Independents Kingdom, The Jats, The Marathas	Fashion Show -Outlook of the Maratha, Sikh and Mughal	Making colourful and informative chart and a presentation on any one of the Later Mughal kings.	Pick any one Later Mughal king and make a colourful and informative chart and a presentation about him
		<b>(SPL)</b> <b>Ch 9: India and Democracy</b> <ul style="list-style-type: none"> <li><b>India Forward</b></li> </ul>	Equality in Indian Democracy,	NA	Having a class discussion on the importance	NA

		<ul style="list-style-type: none"> <li>• <b>Role of Religions</b></li> <li>• <b>Challenges Ahead</b></li> </ul>	political equality, Social equality, economic equality, Decision making Mechanism, Accommodation of Differences, Guarantee of individual dignity		of social equality and making charts about the role of Dr. Ambedkar, Rosa Parks and Martin Luther King	
		<p><b>(SPL)</b>  <b>Ch 4: Media and Democracy</b></p> <ul style="list-style-type: none"> <li>• <b>Definition of media</b></li> <li>• <b>Public opinion and media in democracy</b></li> <li>• <b>Responsibilities and freedom of media</b></li> <li>• <b>Legal checks and RTI</b></li> <li>• <b>Different forms of Media Censorship</b></li> </ul>	Different forms of Mass Media, Public Opinion, Importance of Media in a Democracy, Media and Its Responsibilities, Freedom of Media in a democracy, Legal Checks and Media, Right to information Act	Make a collage or a chart on the role of media in promotion of: Save the Tiger or Namami Gange Programme	Making a collage on various forms of media.	NA
January		<p><b>Monumental and Architecture Activities (not to be asked in any test)</b></p>	<p>Monument  Architecture  Architectural styles (e.g., Gothic, Baroque, Classical, Modern)  Structural elements (e.g., arches, columns, domes)  Landmark  Preservation  Restoration</p>	Have students create sketches or models of famous monuments or architectural styles discussed in the chapter, focusing on key features and design elements.	<p>Assign students to research and present on a specific monument or architectural style, discussing its historical significance, design characteristics, and cultural context.</p> <p>Organize a field trip to visit local landmarks or architectural sites, allowing students to observe and analyze architectural features firsthand.</p>	Have students investigate the cultural and historical significance of a particular architectural landmark, exploring its role in shaping the identity of a community or civilization. Encourage independent research on contemporary architectural trends and innovations, linking them to broader social and environmental contexts.
		<p><b>(HISTORY)</b>  <b>Ch 8: Religious Beliefs and Ideas</b></p> <ul style="list-style-type: none"> <li>• <b>Bhakti its spread in India and some famous Bhakti saints</b></li> <li>• <b>The birth of Sikhism</b></li> <li>• <b>Islam, Sufism, and its features</b></li> <li>• <b>Other sects and movements</b></li> <li>• <b>Pilgrimages</b></li> </ul>	The Bhakti Movement, Bhakti in South India, Bhakti in North India, Bhakti in west India, The Birth, Other sects and Movements, Pilgrimages	A bhajan of Meera Bai and the significance of it in Bhakti Movements	NA	Find out any dargahs, gurudwaras or temples associated with the saints of the Bhakti tradition and describe what you see and hear.
February						

**SUBJECT : (SOCIAL SCIENCE) - GEOGRAPHY**

**Text Book :** 1. Integrated Social Science (Ratna Sagar)

Month	WD / NOP	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
APRIL	23	<p><b>Chapter – 1</b>  <b>Our Environment</b>                      a. Introduction                      b. Natural Environment                      c. Domains or Realms of Earth                      d. Ecosystem                      e. Evolution of human beings                      f. Human-Environment interaction                      g. Environmental Pollution</p>	a. Environment b. Biotic/abiotic c. Lithosphere d. Hydrosphere e. Biosphere f. Eco-system g. Ecological balance h. Urbanization i. Water cycle	Prepare a poster to spread the message of ‘conservation of Environment’  Nukkad Natak on human environment interaction.	a. Prepare a model of artificial ecosystem.  b. A cover page on Environment & its components	Domains or realms of the earth- Demonstration through digital learning.  Environmental pollution- Highlighting types of pollution through slides/PPT
MAY	10	<p><b>Chapter-2</b>  <b>Inside our earth</b>                      a. Introduction                      b. Structure of the Earth                      c. Rocks and minerals                      d. Rock Cycle</p>	a. Crust b. Mantled. c. core (NIFE) d. Igneous rocks e. Sedimentary rocks f. Metamorphic rocks g. Weathering h. Erosion i. Fossils	Drawing of earth’s internal structure	Collect different types of rocks from your neighborhood and classify them into igneous, sedimentary, and metamorphic	Demonstrate through slide and You Tube videos
JUNE	15	<p><b>Chapter – 3</b>  <b>Our Changing Earth</b>                      a. Introduction                      b. Seismography                      c. Theory of Continental Drift                      d. Theory of Plate Tectonics                      e. Volcanoes                      f. earthquakes</p>	a. Lithospheric plates  b. Pangaea  c. Exogenic forces and d. Endogenic forces e. Focus Epicenter  g. Folding Faulting	Prepare a ppt on the theory of continental drift and plate tectonic	Diagram of an active volcano	Demonstrate through smart class slide and YouTube videos
JULY	25	<p><b>Chapter – 4</b>  <b>Major Landforms</b>                      a. Introduction                      b. Landforms created by Rivers.                      c. Course of River</p>	a. Meander b. Delta c. Sand dunes d. Moraines e. Gorge f. Canyon	Pictorial representation on major landforms	Pictorial representation of major landforms created by different exogenic force.	Formation of different landforms through PPT

<b>AUG</b>	<b>23</b>	<b>Chapter – 4 Major Landforms(Contd)</b>  d. Landforms created by sea waves. e. Landforms created by moving Ice. f. Landforms created by Wind.	a. Lagoon b. Sea cliff c. Estuary d. Natural levees e. Oasis f. Loess g. Mushroom rock	-----		Formation of different landforms through PPT
<b>SEPT</b>	<b>12</b>	<b>Revision work for Half Yearly Examination</b> (Practice through assignments, doubt clearance classes, mock test etc.) <b>HALF YEARLY EXAMINATION</b>	-----	-----	-----	-----
<b>OCT</b>	<b>16</b>	<b>Chapter – 5 Composition and structure of the atmosphere</b> a. Introduction (Understanding atmosphere)  b. Composition of atmosphere  c. Structure of the atmosphere  d. Significance of atmospheric	a. Global warming  b. Precipitation  c. Insolation  d. Humidity  e. Temperature Isobars	Role plays on layers of atmosphere	Diagram on structure of the atmosphere	Demonstrate through slide and You Tube videos
<b>NOV</b>	<b>17</b>	<b>Chapter – 6 Elements of Weather and Climate</b>  a. Introduction Weather and Climate  b. Temperature c. Atmospheric Pressure  d. winds  e. Moisture  f. Humidity  g. Condensation  h. Precipitation	a. Weather b. Climate c. Atmospheric pressure d. Prevailing winds (Sea breeze Land breeze Pressure belts) e. ITCZ f. Evaporation g. Condensation h. Precipitation	Art and Craft: Make a model of weather forecasting instrument	a. Prepare a November month weather report of Bokaro  b. A cover page on seasons of India. Pictorial representation on causes of global climatic changes	PPT slide on weather change
<b>DEC</b>	<b>22</b>	<b>Chapter – 7 Water</b> a. Introduction  b. Water cycle  c. Distribution of Water bodies  d. Circulation of ocean water	a. Tsunami b. Salinity c. Crest & Trough d. Wavelength e. Wave height f. Oceans currents	Preparation of a pictorial album on flora and fauna of marine ecosystem	Make a model on water- cycle	a. Animation on the water-cycle (rsgr.in/sg0049)  b. About ocean current (rsgr.in/sg0102)

		<p>e. Waves</p> <p>f. Tides</p> <p>g. Ocean Currents</p>				
<b>JAN</b>	<b>19</b>	<p><b>Chapter – 7</b> <b>Life in the Deserts</b></p> <p>1. Introduction</p> <p>2. Cold Desert- Ladakh (Climate, flora &amp; fauna, People and their economic activities)</p>	<p>a. Nomads</p> <p>b. Wadi</p> <p>c. Extreme climate</p> <p>d. Horticulture</p>	<p>a. Role play of a Ladakhi</p>	<p>a. Painting and sketch on environment of Ladakh</p>	<p>a. PPT slide on Ladakh</p>
<b>FEB</b>	<b>7</b>	<p>Revision for Annual Examination (Through assignments, mock test, quiz, Map work, doubt clearance classes)</p>	<p>_____</p>	<p>_____</p>	<p>_____</p>	<p>_____</p>

**SUBJECT : W.ED****Text Book : 1. Digi Track (G. Ram Books Publication)**

Month	WD / NOP	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended earning
APRIL	23/4	<p><b>CH 1 - Introduction to Number system:-</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Define number system</li> <li>• Compare different number system</li> <li>• Conversion of Binary to decimal</li> <li>• Decimal to Binary</li> <li>• Decimal to other</li> </ul>	<ul style="list-style-type: none"> <li>• Uses of various number system</li> <li>• Conversion rules</li> <li>• Syntax of conversion</li> </ul>	Make a project on number system. Paste name of the number system and behind the page details of number system should be written.	Project:- Explain any 2 types of number system. Explain with its syntax and example.	List out the various shortcuts to convert the numbers.
MAY	10/2	<p><b>CH 2 - Cyber Ethics, crimes, and Safety:-</b></p> <ul style="list-style-type: none"> <li>• Introduction of Ethics and Computer Ethics</li> <li>• Cyberbullying</li> <li>• Hackers and Crackers</li> <li>• Phishing, Spamming and Digital Footprint</li> </ul>	<ul style="list-style-type: none"> <li>• Rules of using Internet</li> <li>• Safe use of internet</li> <li>• Different types of hacking</li> <li>• Digital data theft</li> </ul>	<p>Make a poster on "Safe use of Internet".</p> <p>OR</p> <p>Role play on Phishing.</p>	Project:- Make a information brochure which explains about tips to be used for safely use your card in online transaction.	List out the names of some safe websites.
JUNE	15/2	<p><b>CH 3 - Functions in Excel:-</b></p> <ul style="list-style-type: none"> <li>• Functions in Excel</li> <li>• Cell range and formula</li> <li>• Types of referencing</li> <li>• Sorting and filtering</li> <li>• Conditional formatting</li> </ul> <p><b>CH 4 - Charts in Excel:-</b></p> <ul style="list-style-type: none"> <li>• Components of a chart</li> <li>• Editing and formatting charts</li> <li>• Advantages of charts</li> </ul>	<ul style="list-style-type: none"> <li>• Use of formula in excel</li> <li>• Difference between sort and filter</li> <li>• Use of chart in excel</li> </ul>	On a chart paper make a table of your Class timetable. Add some color in your table.	Practical :- Create an Excel file to make result of PT of class VII.	List out the various formulas used in excel.



JULY	25/4	<b>CH 5 - More about HTML5:-</b> <ul style="list-style-type: none"> <li>• Tags in HTML</li> <li>• Properties of List</li> <li>• Nested List</li> <li>• Insert image</li> </ul>	<ul style="list-style-type: none"> <li>• 2 types of HTML tags</li> <li>• Use of List tag</li> <li>• Properties of list tag</li> <li>• Attributes of image tag</li> <li>• Link image tag</li> </ul>	-	Practical:- Make a HTML page of your school. Insert image of your school and write 50 words about it.	List out the various tags and their attributes to be used to make a web page.
AUG	23/4	<b>CH 6 - Forms in HTML5:-</b> <ul style="list-style-type: none"> <li>• Image border</li> <li>• Creating table</li> <li>• Properties of page</li> <li>• Background of page</li> </ul>	<ul style="list-style-type: none"> <li>• Attributes of image tag</li> <li>• Background properties</li> <li>• Table properties</li> <li>• Color and position</li> </ul>	Make a HTML page on “Why we are celebrating Diwali”. Use background color and design to decorate the page.	Practical:- Make a registration form to submit your personal details in school. Ex – Name, Class, Sec, Age, and Blood Group.	Search various websites on Google to see design of the web pages.
SEPT	12/2	Project and Revision Work				
OCT	16/2	<b>CH 7 - Introduction to Python:-</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Features</li> <li>• Keywords</li> <li>• Identifiers</li> <li>• Variables</li> <li>• Compiler and Interpreter</li> <li>• Writing program</li> </ul>	<ul style="list-style-type: none"> <li>• Importance of keywords</li> <li>• Rules to write name of variables</li> <li>• Types of operators</li> <li>• Use of compiler and interpreter</li> </ul>	Write a Python program to display 5 lines about you.	Practical:- Write python program using proper syntax.	List out the rules of writing name of the variables and rules for writing python program.
NOV	17/2	<b>CH 8 - Operations in Python:-</b>	<ul style="list-style-type: none"> <li>• Order of operator to be</li> </ul>	Write a python program to add all the expenses	Practical:- Write python	List out the sequence of operators to be

		<ul style="list-style-type: none"> <li>• Operators</li> <li>• Types of operators</li> <li>• Operator precedence</li> <li>• Program using Operator</li> </ul>	evaluated	of Diwali.	program using operators and variables.	executed.
<b>DEC</b>	22/4	<p><b>CH 9 - Operations in Scratch:-</b></p> <ul style="list-style-type: none"> <li>• Tools of Scratch</li> <li>• Blocks of scratch</li> <li>• Background sound and image</li> <li>• Customized audio</li> </ul> <p><b>CH 10 - Advance programming in Scratch:-</b></p> <ul style="list-style-type: none"> <li>• Mapping of stage</li> <li>• Animation</li> </ul>	<ul style="list-style-type: none"> <li>• Use of blocks</li> <li>• Background of scratch</li> <li>• Adding voice in animation</li> <li>• Timing for each object</li> </ul>	Make a short movie in scratch on “Christmas”. Add jingle bell audio.	<p>Project:-</p> <p>Create story in scratch using operators and blocks</p>	List out the types of blocks used in Scratch.
<b>JAN</b>	19/3	<p><b>CH 11 - More about Internet services:-</b></p> <ul style="list-style-type: none"> <li>• E-learning</li> <li>• E-commerce</li> <li>• Social networking</li> <li>• Cloud storage</li> </ul>	<ul style="list-style-type: none"> <li>• Use of E-mail</li> <li>• E-commerce types</li> <li>• Blogger</li> </ul> <p>Different social networking platforms</p>	Make a poster to show “Steps to purchase item from a E-commerce website”.	<p>Project:-</p> <p>Group of 5 – 5 students will do the role play on the topic “Social networking is Boon or Curse”.</p>	List out various social networking websites and its features.
<b>FEB</b>	<b>07</b>	Project Work and Revision				

**SUBJECT: PHYSICAL EDUCATION**

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
	NOP					
April	20	<p><u>Chapter1: General fitness, Drill, Chess, Badminton, Kabaddi, Volleyball, Carrom, Basketball &amp;Skating:</u></p> <ol style="list-style-type: none"> <li>Students will be taught about warming up (general &amp;specific)</li> <li>Free hand exercises &amp; how to improve their motor skill abilities &amp; fitness and wellness.</li> <li>Students will be taught about basic &amp; advanced skill of above-mentioned games.</li> <li>Selection will be done on the basis of their performance and command on the skill for inter house, Inter DPS &amp; CBSE cluster tournaments.</li> <li>Students will learn the rules and regulation of above-mentioned games.</li> <li>Students will be involved in real game situations with using taught skills.</li> <li>Students will be learning about basis &amp; advanced skill of above-mentioned games.</li> <li>Mass drill selection and learning of new exercises and different formations for mass drill.</li> <li>Students will be learning the importance of yoga and different asana.</li> </ol> <ul style="list-style-type: none"> <li>Videos on Smart Board and P.P.</li> </ul>	<ul style="list-style-type: none"> <li>Aspects of development</li> <li>Indicators of development</li> <li>Per capita income</li> <li>Literacy rate</li> <li>Infant mortality rate</li> <li>Net attendance ratio</li> <li>Gross enrollment ratio</li> <li>Life expectancy</li> <li>HDI, UNDP</li> </ul>	Poster Making	Physical activity along with mental activity	NA
May		<p><u>Chapter1: General fitness, Drill, Chess, Badminton, Kabaddi, Volleyball, Carrom, Basketball &amp; Skating:</u></p> <ol style="list-style-type: none"> <li>Students will be taught about warming up (general</li> </ol>	<ul style="list-style-type: none"> <li>Aspects of development</li> <li>Indicators of development</li> <li>Per capita income</li> <li>Literacy rate</li> <li>Infant mortality rate</li> <li>Net attendance ratio</li> <li>Gross enrollment</li> </ul>	Poster Making	Physical activity along with mental activity	NA

		<p>&amp;specific)</p> <p>11. Freehand exercises &amp; how to improve their motor skills abilities &amp; fitness and wellness.</p> <p>12. Students will be taught about basic &amp; advanced skill of above mentioned games.</p> <p>13. Selection will be done on the basis of their performance and command on the skill for inter house, Inter DPS &amp; CBSE cluster tournaments.</p> <p>14. Students will learn the rules and regulation of above-mentioned games.</p> <p>15. Students will be involved in real game situations with using taught skills.</p> <p>16. Students will be learning about basic &amp; advanced skill of above-mentioned games.</p> <p>17. Mass drill selection and learning of new exercises and different formations for mass drill.</p> <p>18. Students will be learning the importance of yoga and different asana.</p> <p>Videos on Smart Board and P.P.</p>	<p>ratio</p> <ul style="list-style-type: none"> <li>• Life expectancy</li> <li>HDI, UNDP</li> </ul>			
June		<p><u>Chapter-1: General fitness, Drill, Chess, Badminton, Kabaddi, Volleyball, Carram, Basketball &amp; Skating:</u></p> <p>19. Students will be taught about warming up (general &amp; specific)</p> <p>20. Free hand exercises &amp; how to improve their motor skill abilities &amp; fitness and wellness.</p> <p>21. Students will be taught about basic &amp; advanced skill of above-mentioned games.</p> <p>22. Selection will be done on the basis of their performance and command on the skill for inter house, Inter DPS &amp; CBSE cluster tournaments.</p> <p>23. Students will learn the rules</p>	<ul style="list-style-type: none"> <li>• Aspects of development</li> <li>• Indicators of development</li> <li>• Per capita income</li> <li>• Literacy rate</li> <li>• Infant mortality rate</li> <li>• Net attendance ratio</li> <li>• Gross enrollment ratio</li> <li>• Life expectancy</li> <li>HDI, UNDP</li> </ul>	Poster Making	Physical activity along with mental activity	NA

		<p>and regulation of above-mentioned games.</p> <p>24. Students will be involved in real game situations with using taught skills.</p> <p>25. Students will be learning about basis &amp; advanced skill of above-mentioned games.</p> <p>26. Mass drill selection and learning of new exercises and different formations for mass drill.</p> <p>27. Students will be learning the importance of yoga and different asana.</p> <p>Videos on Smart Board and P.P.</p>				
July		<p><u>Chapter1: General fitness, Drill, Chess, Badminton, Kabaddi, Volleyball, Carrom, Basketball &amp; Skating:</u></p> <p>28. Students will be taught about warming up (general &amp; specific)</p> <p>29. Free hand exercises &amp; how to improve their motor skill abilities &amp; fitness and wellness.</p> <p>30. Students will be taught about basic &amp; advanced skill of above-mentioned games.</p> <p>31. Selection will be done on the basis of their performance and command on the skill for interhouse, Inter DPS &amp; CBS cluster tournaments.</p> <p>32. Students will learn the rules and regulation of above-mentioned games.</p> <p>33. Students will be involved in real game situations with using taught skills.</p> <p>34. Students will be learning about basic &amp; advanced skill of above-mentioned games.</p> <p>35. Mass drill selection and learning of new exercises and different formations for mass drill.</p> <p>36. Students will be learning the importance of yoga and</p>	<ul style="list-style-type: none"> <li>• Aspects of development</li> <li>• Indicators of development</li> <li>• Per capita income</li> <li>• Literacy rate</li> <li>• Infant mortality rate</li> <li>• Net attendance ratio</li> <li>• Gross enrollment ratio</li> <li>• Life expectancy</li> </ul> <p>HDI, UNDP</p>	Poster Making	Physical activity along with mental activity	NA

		different asana. Videos on Smart Board and P.P.				
Aug		<u>Chapter-2: Basketball, Volleyball, Football, Kabaddi, chess &amp; Yoga:</u> <ol style="list-style-type: none"> <li>Students will be taught about specific warm up of above-mentioned games.</li> <li>Selection will be done on the basis of their performance and command on the skill for inter house, inter DPS &amp; cluster tournaments.</li> <li>Students will learn the rules and regulation of above-mentioned games.</li> <li>Students will be involved in real game situations with using taught skills.</li> <li>Fitness test-jumping, running, sit-ups, shuttle run</li> <li>Students will learn about importance of yoga and will practice different asana.</li> <li>Students will learn how to improve their motor skills abilities.</li> <li>Mass drill selection and learning of new exercises and different formations for mass drill.</li> </ol> Videos on Smart Board and P.P.	<ul style="list-style-type: none"> <li>Aspects of development</li> <li>Indicators of development</li> <li>Per capita income</li> <li>Literacy rate</li> <li>Infant mortality rate</li> <li>Net attendance ratio</li> <li>Gross enrollment ratio</li> <li>Life expectancy</li> </ul> HDI, UNDP	Poster Making	Physical activity along with mental activity	NA
Sept						
Oct		<u>Chapter-2: Basketball, Volleyball, Football, Kabaddi, chess &amp; Yoga:</u> <ol style="list-style-type: none"> <li>Students will be taught about specific warm up of above-mentioned games.</li> <li>Selection will be done based on their performance and command on the skill for inter house, inter DPS &amp; cluster tournaments.</li> <li>Students will learn the rules and regulation of above-mentioned games.</li> <li>Students will be involved in real game situations with using taught skills.</li> <li>Fitness test-jumping, running, sit-ups, shuttle run.</li> </ol>	<ul style="list-style-type: none"> <li>Aspects of development</li> <li>Indicators of development</li> <li>Per capita income</li> <li>Literacy rate</li> <li>Infant mortality rate</li> <li>Net attendance ratio</li> <li>Gross enrollment ratio</li> <li>Life expectancy</li> </ul> HDI, UNDP	Poster Making	Physical activity along with mental activity	NA

		<p>6. Students will learn about importance of yoga and will practice different asana.</p> <p>7. Students will learn how to improve their motor skills abilities.</p> <p>8. Mass drill selection and learning of new exercises and different formations for mass drill.</p> <p>Videos on Smart Board and P.P.</p>				
Nov		<p><u>Chapter-3: Basketball, volleyball, football, cricket &amp; kho-kho</u></p> <p>1. Students will be learning about specific warming up of above-mentioned games.</p> <p>2. Free hand exercise &amp; how to improve their motor skill abilities &amp; fitness.</p> <p>3. Students will learn the rules and regulation of above-mentioned games.</p> <p>4. Students will use the learnt skills in real match situations.</p> <p>5. Psychological aspects of physical education.</p> <p>6. Students will learn how to improve their motor skills abilities.</p> <p>7. Massdrillselectionandlearn ingofnewexercisessanddiffe rentformationsfor mass drill.</p> <p>Videos on Smart Board and P. P</p>	<ul style="list-style-type: none"> <li>• Aspects of development</li> <li>• Indicators of development</li> <li>• Per capita income</li> <li>• Literacy rate</li> <li>• Infant mortality rate</li> <li>• Net attendance ratio</li> <li>• Gross enrollment ratio</li> <li>• Life expectancy</li> </ul> <p>HDI, UNDP</p>	Poster Making	Physical activity along with mental activity	NA
Dec		<p><u>Chapter-4: Kho - Kho, Cricket, athletics &amp; yoga:</u></p> <p>1. Students will be learning about specific warming up of above-mentioned games.</p> <p>2. Mass drill selection and learning of new exercises and different formations for mass drill.</p> <p>3. Students will be learning about basic &amp; advanced skill of above-mentioned games.</p> <p>4. Students will use the learnt skills in real match situations.</p> <p>5. Sports day rehearsal.</p> <p>6. Fitness test-jumping, running, sit-ups, shuttle run</p>	<ul style="list-style-type: none"> <li>• Aspects of development</li> <li>• Indicators of development</li> <li>• Per capita income</li> <li>• Literacy rate</li> <li>• Infant mortality rate</li> <li>• Net attendance ratio</li> <li>• Gross enrollment ratio</li> <li>• Life expectancy</li> </ul> <p>HDI, UNDP</p>	Poster Making	Physical activity along with mental activity	NA
Jan		<p><u>Chapter-4: Kho - Kho, Cricket, athletics &amp; yoga:</u></p>	<ul style="list-style-type: none"> <li>• Aspects of development</li> </ul>	Poster Making	Physical activity along with	

		<ol style="list-style-type: none"> <li>1. Students will be learning about specific warming up of above-mentioned games.</li> <li>2. Mass drill selection and learning of new exercises and different formations for mass drill.</li> <li>3. Students will be learning about basic &amp; advanced skill of above-mentioned games.</li> <li>4. Students will use the learnt skills in real match situations.</li> <li>5. Sports day rehearsal.</li> <li>6. Fitness test-jumping, running, sit-ups ,shuttle run</li> </ol>	<ul style="list-style-type: none"> <li>• Indicators of development</li> <li>• Per capita income</li> <li>• Literacy rate</li> <li>• Infant mortality rate</li> <li>• Net attendance ratio</li> <li>• Gross enrollment ratio</li> <li>• Life expectancy</li> <li>HDI, UNDP</li> </ul>		mental activity	
Feb			•			



## SUBJECT: DANCE

Month	WD / NOP	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended earning
APRIL	23	Introduction of Bharatnatyam & its famous dancers. Classical pranam.	Draw the picture of RUKMANI DEVI ARUNDEL.	Cultural awareness.	With SST(history)	NO
MAY	11			REVISION		
		Basic Adavus steps of Bharatnatyam and revision of previous class.	Draw the Adavus steps one by one(at least 8)			NO
JUNE	15	Any one Folk Dance of India.	Jewellery making of that specific dance.	Bharatnatyam basic steps.	Integrate with Yogasana.	NO
JULY	25	Janmashtami special Dance	Krishna Bhajan writing and meaning	Merging two folk dances.	Integrate with Art and SST.	NO
AUG	23	Introduction of Bharatnatyam & its famous dancers. Classical pranam.	Draw the picture of RUKMANI DEVI ARUNDEL.	Jewellery with Mor pankh(peacock feather).	Integrate with history.	NO
SEPT	10	REVISION ,PROJECT WORK AND TERM 1				
OCT	16	Anga, Pratyanga & Upanga	Draw a diagram of the body labelling anga, pratyanga & upanga.	Understanding the body.	Integration with science.	NO
NOV	25	Shirobheda	The art of moving our head on the classical rhythms.	Understanding the mobility.	Integration with science.	NO
DEC	22	Counts are the rhythmic arrangements of beats in a song.	Integrate with Mathematics.	Counts are the rhythmic arrangements of beats in a song.	counts with bass beats , & counts and empty beats	NO
JAN	19	Mudra	Draw and name different kinds of asamyukta mudras(at least 10)	List up the mudra names along with their usage.	Integrate with Yogasana.	NO
FEB						

## SUBJECT: ART AND CRAFT

Month	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended earning
APRIL	From book unit-1 Theory –Monochrome and Polychrome color	Elements of art	Monochrome painting with indigo, Topic - indigo farming	<u>Draw and paint of each topic.</u>	Make different tints of same color.
	From book unit-1 Theory –Monochrome and Polychrome color				
	From book unit-1, Craft page number -68 Practical –Monochrome Painting				
	From book unit-1, Craft page number -68 Practical –Monochrome Painting				
MAY	From book unit 2 Still life in Pencil shading	Elements of art	Shape & Size. maths v isualising 3D shapes	<u>Prepare a chart of pencil shade.</u>	Make still life in pencil shading.
	From book unit 2 Still life in Pencil shading				
	From book unit-2, Craft page number -69				
	From book unit-2, Craft page number -69				
JUNE	From book unit 2 Nature Study in pencil shading	Elements of art	Anatomy. Body Parts drawing, joints etc science	<u>Prepare still life in pencil shading.</u>	Find out shape & size of body parts.
	From book unit 2 Nature Study in pencil shading				
	From book unit-2, Craft page number -69 Human anatomy (Theory )				
	From book unit-2, Craft page number -69 Human anatomy (Theory )				
JULY	From book unit 3 Human figure sketching	Elements of art	It can be related with village story, in Hindi or Eng subject	One Landscape and one village landscape to be done	Students will draw composition of a village visited by them
	From book unit 3 Human figure sketching				
	From book unit-3, Craft page number 70 Composition in watercolor( Still life and Flower)				
	From book unit-3, Craft page number 70 Composition in watercolor( Still life and Flower)				
AUG	From book unit 4 Theory Art of Indus valley	Elements of art	SST – topic Art and culture of India Primitive cave painting	<u>Make a Madhubani painting.</u>	History of Madhubani painting
	From book unit 4 Theory Art of Indus valley				
	From book unit-4, Craft page number 72 Madhubani painting (Folk art)				
	From book unit-4, Craft page number 72 Madhubani painting (Folk art)				
SEPT	From book unit-4, Craft page number 72 Gound Art ( Folk Art )	Elements of art	SST. Art and culture of Tribal people	<u>Prepare a project file of Gound</u>	Evaluation of Gound Art.
	From book unit-4, Craft page number 72 Gound Art ( Folk Art )				

				<u>Art.</u>	
<b>OCT</b>	From book unit-5, Craft page number 73 Ajanta , Ellora , Elephanta (Theory	Elements of art	History- learning artistic aspect of Ajanta &Ellora	<u>To make project on Ajanta.</u>	Write history of Ajanta.
	From book unit-5, Craft page number 73 Ajanta , Ellora , Elephanta (Theory				
	From book unit 6 Assemblage Art				
	From book unit 6 Assemblage Art				
<b>NOV</b>	From book unit-6, Craft page number 74 Symmetrical & Asymmetrical design	Elements of art	Maths- Symmetry	Draw a Rangoli on your own idea.	Students will draw a Symmetrical design using different shapes.
	From book unit-6, Craft page number 74 Symmetrical & Asymmetrical design				
	From book unit 7 Rangoli design				
	From book unit 7 Rangoli design				
<b>DEC</b>	From book unit-7, Craft page number 75 Art of Amrita Sergil( Theory& Practical)	Elements of art	History- life history of AmritaSergil Waste management Topic of science subject	Make a copy work of Amrita Sergil.	Biography of Amrita Sergil
	From book unit-7, Craft page number 75 Art of Amrita Sergil( Theory& Practical)				
	From book unit 8 Package designing				
	From book unit 8 Package designing				
<b>JAN</b>	Water colorcomposition(Landscape with figures)	Elements of art	It can be related with village story, in Hindi or Eng subject	One Landsca pe and one village landscap e to be done	Students will draw composition of a village visited by them
	Craft ( Best of waste)				
<b>FEB</b>					

**SUBJECT: VOCAL MUSIC**

Month	WD	Chapter/Sub-Topics	Key Terms and Concept	Art Integration	Project / Practical	Research Work Blended Learning
	NOP					
April	23	Song from Almanac “Yakeen Kar”	Concept About • Rupak Taal • Singing in different pattern of Laya	Use of Musical notes which changes the mood of the song	Singing and counting in Hand beats	Name those persons who have fight for Independence of india
May	10					
June	15	Raag “Yaman” Discription, Aaroh, Avroh & Bandish	Nature of the the Raag along with Teentaal describing taali and khali	Identification of other songs related to this raga's interpretation	Creating Taan with Jumble Funny Activity	NO
July	25					
Aug	23	Song from almanac “Hamare Khoon Me Watan”	Concept About • Kaharwa & Dadra taal • How to westernize the taal	By singing Knwoing the difference between komal and suddh swar	Similar Songs which Use the same Swar	Finding out the musical note which changes the mood of the song
Sept	5 + 7					
Oct	16	Song From Almanac “Hey Jag Janani”	Concept About • Kaharwa taal • Bhajan Theka • Chalan of Raag Shankara	Integrated With “Durga Stuti”	Different Nams of godess Durga	Another Wandana of Maa Durga
Nov	17					
Dec	22	Christmas Song “We three Kings”	Concept About • Four By Four Beat Structure • Scale and its type	Difference between Indian Rhythm and western rhythm	Western notation and sound system	Songs related other western culture
Jan	19	Song from Almanc “Tum Samay ki Ret Par”	Concept About • Kaafi Raag And its different Chalan • Swar and its type	Use of Musical notes which changes the mood of the song	Other Songs related to Horse Beat	Using of other musical notes rather than Komal gandhar and Dhaiwat
Feb	7					
Mar		<b>Revision “All Songs”</b>				

**SUBJECT: INSTRUMENT**

Month	W. D.	Chapter/Sub-Topic	Key Terms and Concept	Art Integration Topics	Project / Practical Work	Research Work Blended Learning
April	23	Bhatkhand Defination Hasta sadhan bol	To inculcate knowledge about different Hasta sadhan bol .	Practice for bhatkhand style bol.	Count with finger.	NO
May	11	Taal parichay	To inculcate knowledge about different Theka.	Practice for Ektaal, Jhaptaal, Chartaal.	Count with Tali.	NO
June	15	Theka practice above taal.	To improve hand practice.	Teen Taal & Theka Practice.	Count with Tali & Khali.	NO
July	25	Teen taal kaida, Palta, Vishtar and Tihai Western beat 4/4 beats	To inculcate knowledge about Kaida, Palta, & Tehai.	Skill Practice	Count with Tali & Khali.	NO
Aug	23	Jhaptaal, kaida with palta ,vistar and tehaai, Western beat practice continue	To improve knowledge about different Kaida and Palta	Practice of Kaida ,paltal and Tehaai,Western beats	Count with Tali & Khali	NO
Sept	10					
Oct	16	Jhaptaal rela with palta ,vistar and tehaai Western beats practice	Practice of Rela, Jhaptaal.	Students will Prepare a Chart of Different instrument.	Coordination with Vocal music.	NO
Nov	25	Cont, Jhaptaal Rela Western beast practice folk beats	To improve knowledge about different Taal.	Practice of Folk beatsl and Westren Beats	Tali Counting in Taal.	NO
Dec	22	Jhaptaal tukra, March past on kattle drum practice Practice almanac song beats	To inculcate knowledge about taals	Practice of Jhaptaal tukra and almanac song beats	Count with handsl.	NO
Jan	19	Jhaptaal chakradhar .Western beat and kattle drum practice continue	To improve perfection	Draw Tabla on half size chart paper and leveling the different parts.	Hand Coordination	NO
Feb	22					
March	17					

**SUBJECT : GENERAL KNOWLEDGE**

Text Book : Knowledge Trek

Month	WD	Chapter/Sub-Topics
	NOP	
April	23	<b>Unit-1 Our Environment</b> Ch 1-Environmental Organisations Ch 2-Strange Plants Ch 3- Strange Reptiles Ch 4-Amazing Animals and Birds Ch 5-The Arachnids Ch 6-Natural Disasters Ch 7-Environmental Issues <b>Knowledge Park</b> <b>Things Around Us</b>
May	10	<b>Unit 2 India and the World</b> Environment Ch 8-Our Constitution Ch 9-Women Pioneers
June	15	<b>Unit 2 India and the World</b> Ch 10-Economic Terms Ch 11-Famous Explorers Ch 12-Banking on Banks Ch 13- International Airports Ch 14-Revolutions in India
July	25	Unit 2 India and the World Ch 15-Official Residences Ch 16-Statues Let's Review <b>Knowledge Park</b> <b>Unit 3 Science and Technology</b> Ch 17-Nuclear Energy Ch 18-Genetics Ch 19-Strange Scientists Ch 20-Sound of Music
Aug	23	<b>Unit 3 Science and Technology</b> Ch 21-Mission Moon Ch 22-Computer Virus Ch 23-Net Savvy Ch 24-Fascinating Fungi <b>Knowledge Park</b>
Sept	12	Revision
Oct	16	<b>Unit 4 Art and Culture</b> Ch 25-Great Teachers Ch 26-Dance Mania Ch 27-Sing a Song Ch 28-Holy Temples Ch 29-The Ancient Epic Ch 30-Famous Quotes Ch 31-Regional Festivals Let's Review <b>Knowledge Park</b>

Nov	17	<b>Unit 5 Sports and Entertainment</b> Ch 32-Martial Arts Ch 33-Sports Tournaments Ch 34-Games 4 U Ch 35-Sports Quiz Ch 36-Sports in Movies Ch 37-Movies Based on Novels Ch 38-Legends of Bollywood Ch 39-TV Hosts <b>Knowledge Park</b>
Dec	22	<b>Unit 6 Language and Literature</b> Ch 40-Book Quiz Ch 41-Animal Adjectives Ch 42-Writer's Block Ch 43-What's the Word Ch 44-One Word Substitution Ch 45-Popular Authors of India Ch 46-Ancient Authors Let's Review <b>Knowledge Park</b>
Jan	19	Eco Zone Life Skills Mathemagic Observation Power Be Quick Number Fun Not To Miss!
Feb	07	Test Paper-1 Test Paper-2

