



**Bal Bharati**  
**PUBLIC SCHOOL**  
NTPC, DARLIPALI

(An Institution of the Child Education Society(Regd.), New Delhi)

**CLASS- VII**

# **SPLIT-UP SYLLABUS**

## **2025-26**





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PUBLIC SCHOOL

(An Institution of the Child Education Society (Regd.), New Delhi)  
NTPC Darlipali, Odisha

## **SPLIT-UP SYLLABUS**

**Class – VII**

**SUBJECT: ENGLISH**

### **TEXTBOOKS:**

**1. New Images: Class Book**

**2. New Images: Enrichment Reader (To be evaluated for Internal assessment)**

**3. Cornerstone**

<b>MONTHS</b>	<b>UNIT/ CHAPTER / TOPIC</b>	<b>LEARNING OUTCOMES</b>
<b>APRIL</b>	MCB Ch-1 Learning the game  Ch-2 Be the best of whatever you are  Grammar: - Ch-2 Nouns  Ch- 3 Pronouns  Ch- 4 Adjective  Writing skills: Notice writing  Poster Making  Dialogue Writing	<ul style="list-style-type: none"><li>Students will be able to identify and discuss the importance of sportsmanship, humility, and ethical conduct in sports, using Sachin Tendulkar's career as a case study</li><li>Students will develop a positive attitude towards their own efforts and capabilities, learning to take pride in their work and strive for excellence in whatever they do.</li><li>To identify and classify different types of nouns, such as common nouns, proper nouns, concrete nouns, abstract nouns, and collective nouns.</li><li>To identify and differentiate between various types of pronouns, such as personal pronouns, demonstrative pronouns, possessive pronouns, and relative pronouns.</li><li>To understand Adjectives and its kind</li><li>Learn how to concisely convey important information in an formal manner.</li><li>Students will be able to design and create visually appealing posters that effectively communicate a central message or concept.</li><li>Strengthen both written and verbal communication by practicing engaging conversations.</li></ul>
<b>JUNE</b>	MCB: - Ch-3 Malgudi Cricket Club	

	<p>Ch-5 Somebody's Mother</p> <p>Grammar</p> <p>Ch-15 Prepositions</p>	<ul style="list-style-type: none"> <li>Students will gain insights into the cultural and social setting of Malgudi, recognizing how R.K. Narayan portrays the everyday life of a small town in India.</li> <li>Students will be able to analyse and interpret the use of literary devices such as imagery, rhyme, and symbolism in the poem</li> <li>students will be able to identify and classify different types of prepositions (such as time, place, direction, and agency) in sentences accurately.</li> </ul>
JULY	<p>MCB: -</p> <p>Ch-4 Binya's Blue Umbrella</p> <p>Ch-7 Bright Spark</p> <p>Grammar: -</p> <p>Ch-7/8 /9Tenses</p> <p>Ch-6 Articles</p> <p>Ch-4 Adverb</p>	<ul style="list-style-type: none"> <li>Students will be able to analyse and articulate the key themes of the story, such as innocence, envy, generosity, and the simplicity of rural life</li> <li>Students will be able to evaluate the ethical implications and societal impacts of technological innovations inspired by the concepts elucidated by M G K Menon.</li> <li>To identify the different types of articles (definite, indefinite, and zero articles) and understand when to use each one appropriately.</li> <li>To Understand and Identify Different Tenses</li> <li>To Understand Adverb and its kinds</li> </ul>
	<p>Writing skills: -</p> <p>- Letter Writing (Informal &amp; application )</p>	<ul style="list-style-type: none"> <li>Understanding of format and structure.</li> </ul>
AUGUST	<p>MCB: -</p> <p>Ch-10 Gravity</p> <p>Ch-4 On the Grasshopper and the Cricket</p> <p>Grammar: -</p> <p>Determiners</p> <p>Ch-19 Direct &amp; Indirect Speech</p>	<ul style="list-style-type: none"> <li>Students will be able to explain the concept of gravity, including its definition, principles (such as Newton's law of universal gravitation), and its effects on objects on Earth and in space.</li> <li>Students will be able to analyse the contrast between the grasshopper and the cricket as depicted by John Keats, identifying the symbolic significance of each insect in relation to the themes of life and art in nature.</li> <li>Apply appropriate determiners in sentences based on context.</li> <li>Students will be able to differentiate between direct and indirect speech in various contexts and accurately convert statements from one form to another.</li> </ul>
SEPTEMBER	<p>MCB: -</p> <p>Ch-9 The Face on the wall</p>	<ul style="list-style-type: none"> <li>Students will be able to identify and analyse symbolism in literature, particularly in the context of "The Face on the Wall," to deepen their understanding of how authors use symbols to convey themes and message</li> </ul>

	Ch-12 My Lost Dollar	<ul style="list-style-type: none"> <li>Students will be able to identify and analyse the central themes and moral lessons conveyed in the story, such as the importance of responsibility, trustworthiness, and the consequences of carelessness in handling financial matters.</li> </ul>
	Writing Diary Entry	<ul style="list-style-type: none"> <li>Develop an understanding of diary entry.</li> <li>Acquire imaginative skills and techniques required for diary entry.</li> </ul>
OCTOBER	MCB: - Ch-10 As I grew older  Grammar: -  Ch16 Conjunction	<ul style="list-style-type: none"> <li>Students will demonstrate their understanding of the poem by creating their own artistic interpretation, such as a visual representation or a spoken word performance, that reflects the central themes of perseverance and self-realization explored in "As I Grew Older"</li> <li>Students will be able to identify coordinating, subordinating, and correlative conjunctions in sentences.</li> </ul>
NOVEMBER	MCB: - Ch-14 The Holy Panchayat  Ch- 13 All the world's a stage	<ul style="list-style-type: none"> <li>Students will be able to analyse the socio-cultural dynamics portrayed in "The Holy Panchayat" by Munshi Prem Chand, identifying key themes such as caste hierarchy, justice, and the impact of superstitions on rural Indian society.</li> <li>Students will be able to evaluate the themes of life stages and human experience as depicted in Shakespeare's "All the world's a stage".</li> </ul>
	Grammar: - Ch-13 Active Passive	<ul style="list-style-type: none"> <li>Students will be able to differentiate between active and passive voice constructions in sentences, accurately identifying the subject, verb, and object in both forms</li> </ul>
DECEMBER	MCB: - Ch-10 Shillong: The Rock Capital of India  Grammar: -  Transitive & Intransitive Verb	<ul style="list-style-type: none"> <li>To understand more about the Rock capital of India, its people, food and culture.</li> <li>Understand the difference between transitive and intransitive verbs.</li> <li>Use transitive and intransitive verbs correctly in writing and speaking.</li> </ul>
JANUARY- FEBRUARY	<b>REVISION FOR ANNUAL EXAMINATION</b>	

SUBJECT-HINDI

TEXTBOOKS:

1. वसंत भाग -2 (एन.सी.ई.आर.टी.)
2. प्रथम हिंदी व्याकरण -VII (लैंग्वेज हाउस)

MONTHS	UNIT/CHAPTER/ TOPIC	SUB TOPIC	LEARNING OUTCOMES
APRIL	वसंत (गद्य,पद्य)  व्याकरण  रचनात्मक लेखन	हम पंछी उन्मुक्त गगन के  हिमालय की बेटियाँ  पर्यायवाची (1-20)  अपठित गद्यांश  अनुच्छेद लेखन	पंछियों को कैद में ना रखने की शिक्षा ,स्वतंत्रता के महत्त्व को समझाना  संस्कृति के महत्त्व को और उसकी मान्यताओं को स्वीकार करना ,नदियों के महत्त्व एवं उनकी उपयोगिता को स्वीकार करना  सामान्य अर्थ प्रकट करने वाले शब्दों का ज्ञान  छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है। छात्रों की भाषिक योग्यता में वृद्धि होती है।
JUNE	वसंत (गद्य,पद्य)  व्याकरण  रचनात्मक लेखन	कठपुतली  वाक्यांशों के लिए एक शब्द (1-20)  विज्ञापन लेखन	स्वतंत्रता के महत्त्व को समझाना  अनेक शब्दों के लिए एक शब्द में अर्थ प्रकट करने वाले शब्दों का ज्ञान  छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है। रुचिकर एवं संवेदनशील भाषा द्वारा अपनी बात को प्रभावी ढंग से रखना
JULY	वसंत (गद्य,पद्य)  व्याकरण  रचनात्मक लेखन	मिठाईवाला  पापा खो गए  संज्ञा  कारक तथा उसके भेद  संवाद लेखन	परोपकार की भावना की विकाश ,अच्छे कर्मों द्वारा मानसिक सुख-शान्ति की प्राप्ति  सहयोग एवं परोपकार की भावना का विकाश ,अच्छाई की जीत और बुराई की सदैव हार की सीख  छात्रों की भाषिक योग्यता में वृद्धि होती है।  भाषा की शुद्धता और सुंदरता को बनाए रखना ,भाषा की नियमबद्ध प्रकृति को समझना और उसका विश्लेषण करना  छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है।
AUGUST	वसंत (गद्य,पद्य)	शाम एक किसान  अपूर्व अनुभव	प्रकृति से प्रेम करने की शिक्षा ,प्रकृति का मानवीकरण  सहयोग एवं परोपकार की भावना का विकाश ,बचपन की मधुर स्मृतियों की याद दिलाना  अशुद्ध वाक्य एवं शब्दों को शुद्ध करने का ज्ञान प्राप्त करना

	व्याकरण  रचनात्मक लेखन	वर्तनी एवं वाक्य रचना संबंधी अशुद्धियाँ शोधन  लिंग  चित्र वर्णन	स्त्री -पुरुष के लिए प्रयोग होने वाले लिंग संबंधी शब्दों का ज्ञान  छात्रों की कल्पनाशक्ति अभिव्यक्ति कौशल में वृद्धि होती है।
OCTOBER	वसंत (गद्य,पद्य)  व्याकरण  रचनात्मक लेखन	एक तिनका  रहीम के दोहे  अनेकार्थी शब्द (1-20)  क्रिया विशेषण  पत्र लेखन- अनौपचारिक, अनौपचारिक	अहंकार की भावना का त्याग  परोपकार ,नैतिकता एवं उचित अनुचित में भेद करना छात्रों की भाषिक योग्यता में वृद्धि होती है।  भाषा की शुद्धता और सुंदरता को बनाए रखना ,भाषा की नियमबद्ध प्रकृति को समझना और उसका विश्लेषण करना  भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना ,छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है।
NOVEMBER	वसंत (गद्य,पद्य)  व्याकरण  रचनात्मक लेखन	भोर और बरखा  खानपान की बदलती तसवीर  विराम चिह्न  विज्ञापन लेखन  अनुच्छेद लेखन	मातृप्रेम ,वात्सल्य ,स्नेह का परिचय ,प्रकृति की सुंदरता का मानवीकरण  हमारे देश में हो रहे खानपान संबंधी बदलाव की ओर ध्यान आकर्षित करना  भाषा को शुद्ध एवं त्रुटिरहित तथा भाव स्पष्ट में पूर्ण करने हेतु आवश्यक चिह्नों का ज्ञान  छात्रों की कल्पनाशक्ति एवं अभिव्यक्ति कौशल में वृद्धि होती है। रुचिकर एवं प्रभावी भाषा द्वारा अपनी बात को प्रभावी ढंग से रखना छात्रों के पठनकौशल,समझ,कल्पनाशक्ति एवं अभिव्यक्ति कौशल में वृद्धि होती है।
DECEMBER	वसंत (गद्य,पद्य)  व्याकरण	संघर्ष के कारण मैं तुनक मिजाज़ हो गया  कारक  विलोम शब्द (1-20)  चित्र वर्णन	व्यक्ति विशेष के संघर्ष ,त्याग एवं लक्ष्यप्राप्ति द्वारा सकारात्मकता का संचार  भाषा की शुद्धता और सुंदरता को बनाए रखना ,भाषा की नियमबद्ध प्रकृति को समझना और उसका विश्लेषण करना  विपरीत अर्थ प्रकट करने वाले शब्दों का ज्ञान

	रचनात्मक लेखन	संवाद लेखन	तार्किक शक्ति एवं कल्पना शक्ति का विकास करना, छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है। छात्रों की कल्पनाशक्ति एवं अभिव्यक्ति कौशल में वृद्धि होती है। रुचिकर एवं प्रभावी भाषा द्वारा अपनी बात को प्रभावी ढंग से रखना
JANUARY- FEBRUARY		REVISION FOR ANNUAL EXAMINATION	

### SUBJECT-SANSKRIT

#### TEXTBOOKS:

1. दिव्यांजलि: - संस्कृत पाठमाला -2
2. कणिका - संस्कृत व्याकरण तथा रचना- 7

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	पाठ: 1 वैभवस्य जन्मदिवसः • वर्णसंयोजनम्, वर्णविन्यासः	• पदानाम् अर्थाः धातवः च एतेषां ज्ञानं भविष्यति ।
	पाठ:2- शुकः काकः च	• प्राणिनां महत्त्वस्य विषये ज्ञानं भविष्यति ।
JUNE	पाठ: 3 दरिद्रस्य सहायता धातुरूपम् - गम् पा, भू,	• लङ्लकारस्य मध्यमपुरुषस्य वाक्येषु प्रयोगः । दीनजनानां सहायतायाः विषये ज्ञानं भविष्यति ।
JULY	पाठ: 4 जन्तुशालायाः विहारः शब्दरूपम् - देव मुनि, लता,	• सर्वनाम पदानां तेषां प्रत्ययानां परिचयः । जन्तुशालायाः विषये ज्ञानं भविष्यति ।
	पाठ: शिष्टाचारः 6 शब्दरूपम् - किम् (तीनों लिंग) समय- सार्ध सपाद,	• लोट् लकारे वाक्यनिर्माणम् चरित्र निर्माणम् ।
AUGUST	पाठ: 7 स्वस्थवृत्तम् पाठ: रमणीयम् उद्यानम् 8 - संख्या - 25 - 1 व्याकरणम् अव्ययः- अत्र, तत्र, कुत्र, सवतत्र, अद्य अधुना, ह्यः, श्वः, पुरा, यदा एकदा, सर्वदा, कदा, तदा, अपि, किमर्थम् च, अपठित गद्यांशः चित्रवर्णनम् पत्रपूर्ति	• लोट्लकारस्य मध्यम उत्तमपुरुषे च - वाक्यनिर्माणम् । • संख्यानां वाक्यप्रयोगः । संख्यानामपि ज्ञानं भविष्यति । • अव्ययपदानां वाक्येषु प्रयोगं करिष्यति । • चित्रवर्णनेन छात्राणां वाक्ये ज्ञानसमृद्धिं भविष्यति ।
SEPTEMBER	पाठ: 9 मम परिवारः	• परिवारस्य महत्त्वविषये ज्ञानं भविष्यति । • छात्राः स्वयं संवादलेखनं करिष्यति ।

	संवाद: लेखनम्	
OCTOBER	पाठ: 10 आदर्शा छात्राः प्रत्ययः - कृत्वा ,तुमुन ,ल्यप् प्रत्ययानाम् प्रयोगः	<ul style="list-style-type: none"> <li>वाक्येषु प्रत्ययस्य प्रयोगं करिष्यति ।</li> </ul>
NOVEMBER	पाठ: 11 भारतीय समुद्रतटाः सन्धिः ,	<ul style="list-style-type: none"> <li>भारतस्य विभिन्न – तटानां ज्ञानम् भविष्यति ।</li> </ul>
	पाठ: 12 श्री अटलविहारी वाजपेयी <ul style="list-style-type: none"> <li>वाक्य निर्माणम्</li> </ul>	<ul style="list-style-type: none"> <li>वाजपेयी महोदयस्य विषये छात्राणां ज्ञानं भविष्यति ।</li> <li>उक्त विषयम् अधिकृत्य छात्राः महोदयस्य विषये वर्णनं करिष्यन्ति ।</li> </ul>
DECEMBER	पाठ: 13 ग्रामस्य यात्रा ( उपपद विभक्तिः )	<ul style="list-style-type: none"> <li>क्रियापदानां वाक्ये प्रयोगं करिष्यति ।</li> </ul>
JANUARY FEBRUARY	REVISION FOR ANNUAL EXAMINATION	

### SUBJECT- ODIA

#### TEXTBOOKS:

1. Odia – Sahitya Sourava
2. NCERT Publication (Govt of odisha)

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Ch- 1 କଳାମାଣିକ ରେ(କବିତା) Ch-9 ରାମାୟଣ କଥା(ପ୍ରବନ୍ଧ)	<ul style="list-style-type: none"> <li>ଯଶୋଦ ମାଆ ଙ୍କ ପୁତ୍ର ଶ୍ରୀକୃଷ୍ଣଙ୍କ ପ୍ରତି ଥିବା ସ୍ନେହ ଭାବନା କୁ ଜାଣିବାରେ ସମର୍ଥ ହେବେ</li> <li>ରାମାୟଣଙ୍କ ଆଦର୍ଶ ବିଷୟରେ ଜାଣିବେ ।</li> </ul>
JUNE	Ch-2 ଡାକା ଓ ସୂର୍ଯ୍ୟ(କବିତା)	<ul style="list-style-type: none"> <li>ଡାକା ଓ ସୂର୍ଯ୍ୟ ଙ୍କ ପୃଥିବୀ ଉପରେ ଥିବା କର୍ତ୍ତବ୍ୟ ବିଷୟରେ ଜାଣିବେ ।</li> </ul>
JULY	Ch-10 -ସତ୍ୟର ପୂଜାରୀ ଆଚାର୍ଯ୍ୟ ହରିହର (ପ୍ରବନ୍ଧ)	<ul style="list-style-type: none"> <li>ଆଚାର୍ଯ୍ୟ ହରିହର ଙ୍କ ଦେଶପ୍ରୀତି ଭାବନା ବିଷୟରେ ଜାଣିବେ ।</li> </ul>
	Ch-3 ଦେଖୁ ନାହିଁ କେତେ ଦିନୁ ଖଣ୍ଡଗିରି(କବିତା )	<ul style="list-style-type: none"> <li>ଖଣ୍ଡଗିରି ର ଅତୀତ ଗୌରବ ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>



AUGUST	Ch- 18 ବୀର ସୁରେନ୍ଦ୍ର ସାଏ(ଜୀବନୀ)	<ul style="list-style-type: none"> <li>ବୀର ସୁରେନ୍ଦ୍ର ସାଏଙ୍କ ତ୍ୟାଗପୂର୍ଣ୍ଣ ଜୀବନ ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>
	Ch-8 ଚଢ଼ିନୀର ଖେଦ(କବିତା)	<ul style="list-style-type: none"> <li>ଅଳ୍ପ କିପରି ବହୁ ମାତ୍ରାରେ ପରିଣତ ହୋଇ ଥାଏ ସେ ବିଷୟରେ ଜାଣିବେ ।</li> </ul>
SEPTEMBER	Ch- 4 କହିବି କଥାଟି(କବିତା)	<ul style="list-style-type: none"> <li>ପୌରାଣିକ କିମ୍ବଦନ୍ତୀ, ମନ୍ଦିର ଓ ପୂର୍ବ ପୁରୁଷ ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>
	Ch- 13 ସତ୍ତ୍ୱକ ନିରାପତ୍ତା	<ul style="list-style-type: none"> <li>ସତ୍ତ୍ୱକ ସୁରକ୍ଷା ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>
OCTOBER	Ch- 5 ଛୋଟ ମୋର ଗାଁ ଟି	<ul style="list-style-type: none"> <li>ଗାଁ ର ପ୍ରାକୃତିକ ସମୃଦ୍ଧି ସହିତ ନିଜ ଜୀବନ କୁ ଯୋଡ଼ିବେ ଓ ମାତୃଭୂମି ପ୍ରତି ମମତା ଭାବ ରଖିବେ ।</li> </ul>
	Ch- 20 ମୁକ୍ତି ଯୋଦ୍ଧା ଜୟୀରାମଗୁରୁ (ଜୀବନୀ)	<ul style="list-style-type: none"> <li>ଜୟୀ ରାଜ ଗୁରୁଙ୍କ ତ୍ୟାଗପୂର୍ଣ୍ଣ ଜୀବନ ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>
NOVEMBER	Ch-6 ବାଲୁତ ବୀର ସେ (କବିତା)	<ul style="list-style-type: none"> <li>ବାଜତର ତ୍ୟାଗପୂର୍ଣ୍ଣ ଜୀବନ ବିଷୟରେ ଅବଗତ ହେବେ</li> </ul>
	Ch-13 ମାଡ଼ହାଣ୍ଡି କଥା	<ul style="list-style-type: none"> <li>ପରିଶ୍ରମ ବୀରା ପ୍ରଭୁ କୃପା ଲାଭ ହୋଇଥାଏ, ଏ ବିଷୟରେ ଅବଗତ ହେବେ</li> </ul>
DECEMBER	Ch- 7 ଛୋଟରୁ ବଡ଼(କବିତା)	<ul style="list-style-type: none"> <li>ଛୋଟ ଦେହରେ ବଡ଼ ଗୁଣ ନିହିତ ଥାଏ , ଏ ବିଷୟରେ ଅବଗତ ହେବେ</li> </ul>
	Ch-15 ଏ ମଣିଷକୁ ପଥର କଲା କିଏ ? ( ଗଳ୍ପ )	<ul style="list-style-type: none"> <li>କର୍ମକର ଫଳ ପ୍ରାପ୍ତିର ଆଶା ରଖ ନାହିଁ, ଏ ବିଷୟରେ ଅବଗତ ହେବେ ।</li> </ul>
	Ch-17 ମନରେ ଆସୁ ମୋ ଭଲ ଭାବନା (କାହାଣୀ)	<ul style="list-style-type: none"> <li>ଭଲ ଚିନ୍ତାଧାରା ମଣିଷକୁ ଉନ୍ନତ କରିବାକୁ ଅଗ୍ରସର କରାଇ ଥାଏ ।</li> </ul>
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### SUBJECT- MATHS

#### TEXTBOOKS:

#### 1. Maths - Textbook for Class- VII - NCERT Publication

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	CH-1 INTEGERS	<ul style="list-style-type: none"> <li>Generalizes the commutative, associative, closure and distributive properties of integers</li> <li>Finds out the addition, subtraction, multiplication and division of integers</li> </ul>
JUNE	CH-2 FRACTION AND DECIMALS	<ul style="list-style-type: none"> <li>Understands the fractions and its types.</li> <li>Operations on fractions (Multiplication and Division)</li> <li>Learns how to multiply and division of decimal numbers</li> </ul>

JULY	CH-3 DATA HANDLING	<ul style="list-style-type: none"> <li>Generalizes the usage of data and its organisation</li> <li>Defines Range, Arithmetic Mean, Median and Mode</li> <li>Learn the formula to compute Range, Mean, Median &amp; Mode</li> <li>Represents Bar Graph and Double Bar Graph using given data</li> </ul>
	CH-4 SIMPLE EQUATION	<ul style="list-style-type: none"> <li>Defines equation in one variable</li> <li>Finds solution of the simple equations and Verifies the solutions</li> <li>Applies the concept in solving the Word Problems based on real-life situations</li> </ul>
	CH-5 LINES AND ANGLES	<ul style="list-style-type: none"> <li>Learns about various types of angles formed by parallel lines and transversal lines.</li> <li>Understand the properties and co-relation between the angles</li> </ul>
AUGUST	CH-6 THE TRIANGLE AND ITS PROPERTIES	<ul style="list-style-type: none"> <li>Defines Median and Altitude of a Triangle</li> <li>Proves the Exterior Angle property and Angle Sum property of a Triangle</li> <li>Practically proves that the sum of lengths of two sides of a triangle is greater than the third side</li> <li>Learns how to use Pythagoras theorem in a Right Angled triangle</li> </ul>
SEPTEMBER	CH-10 ALGEBRAIC EXPRESSION	<ul style="list-style-type: none"> <li>Defines Coefficients, Terms and Expression</li> <li>Learns about Monomials, Binomials, Trinomials and Polynomials</li> <li>Applies addition and subtraction to the expressions</li> </ul>
OCTOBER	CH-8 RATIONAL NUMBER	<ul style="list-style-type: none"> <li>Defines Rational numbers</li> <li>Represents rational number on a number line</li> <li>Analyses the properties of addition, subtraction, multiplication and division of rational numbers</li> </ul>
	CH-9 PERIMETER AND AREA	<ul style="list-style-type: none"> <li>Identifies the plane figures</li> <li>Verifies the area of triangle and parallelogram</li> <li>Verifies the circumference and area of a circle</li> <li>Learns how to convert the units</li> </ul>
NOVEMBER	CH-7 COMPARING QUANTITIES	<ul style="list-style-type: none"> <li>Recalls ratios and percentage</li> <li>Learns Increase or Decrease percent</li> <li>Applies percentage to Profit and Loss</li> <li>Learns the concept of Simple Interest</li> </ul>
	CH-11 EXPONENTS	<ul style="list-style-type: none"> <li>Defines and understand exponent</li> <li>Understand different laws of exponent and its uses</li> <li>Converting large numbers in standard form</li> </ul>
DECEMBER	CH-12 SYMMETRY	<ul style="list-style-type: none"> <li>Finds Symmetry in nature</li> <li>Explores various symmetrical objects in the surroundings</li> <li>Applies Line of Symmetry in various objects</li> </ul>
	CH-13 VISUALISING SOLID SHAPES	<ul style="list-style-type: none"> <li>Recognises 2D and 3D shapes</li> <li>Identifies different shapes in nested objects</li> <li>Represents 3D shapes on a plane surface</li> <li>Practically learns the 'Shadow play' technique</li> </ul>
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**SUBJECT-GENERAL SCIENCE**

**TEXTBOOKS:**

**1. Science - Textbook for Class - VII - NCERT Publication**

**2. Science exemplar problems for Class - VII, NCERT publication**

<b>MONTHS</b>	<b>UNIT/ CHAPTER / TOPIC</b>	<b>LEARNING OUTCOMES</b>
APRIL	Ch-1 Nutrition in plants	Enable students to <ul style="list-style-type: none"><li>• Recognize autotrophic mode of nutrition in plants.</li><li>• Describe photosynthesis- food making process in plants</li><li>• Explore other modes of nutrition in plants.</li></ul>
JUNE	Ch- 2 Nutrition in Animals	Enable students to <ul style="list-style-type: none"><li>• Explore that animal nutrition includes nutrient requirement, mode of intake of food and its utilization in the body.</li><li>• Identify that digestive system consists of the alimentary canal and secretory glands.</li></ul>
JULY	Ch- 3 Heat	Enable students to <ul style="list-style-type: none"><li>• Recognize different modes of transfer of heat.</li><li>• Identify between clinical and laboratory thermometers.</li></ul>
	Ch-4 Acids, bases and Salts	Enable students to <ul style="list-style-type: none"><li>• Distinguish between acids bases and salts.</li><li>• Classify between different types of indicators and their effects on acidic, basic and neutral solution.</li></ul>
AUGUST	Ch-5 Physical and Chemical changes	Enable students to <ul style="list-style-type: none"><li>• Get the knowledge about different kinds of changes.</li><li>• Learn the effect of carbon dioxide on lime water.</li></ul>
SEPTEMBER	Ch-6 Respiration in organisms	Enable students to <ul style="list-style-type: none"><li>• Know about aerobic and anaerobic respiration.</li><li>• Know the mechanism of inhalation and exhalation</li><li>• Relate to real life application</li></ul>
OCTOBER	Ch- 7 Transportation in Animals and plants	Enable students to <ul style="list-style-type: none"><li>• calculate the pulse rate and feels the heartbeat.</li><li>• Know the structure of heart and its function.</li></ul>
	Ch - 8 Reproduction in plants	Enable students to <ul style="list-style-type: none"><li>• Learn about various modes of reproduction in plants like vegetable propagation.</li><li>• Differentiate between sexual and asexual reproduction in plants.</li></ul>
NOVEMBER	Ch - 8 Reproduction in plants (contd.....)	Enable students to <ul style="list-style-type: none"><li>• Learn about various modes of reproduction in plants like vegetable propagation.</li><li>• Differentiate between sexual and asexual reproduction in plants.</li></ul>
	Ch - 9 Motion and time	Enable students to <ul style="list-style-type: none"><li>• infer information of speed/ distance /time from a given graph.</li></ul>

		<ul style="list-style-type: none"> <li>state how to find speed define time period and plot simple distance time graph</li> </ul>
	Ch-10 Electric current and its effects	Enable students to <ul style="list-style-type: none"> <li>Know the symbols of electric circuit components.</li> <li>Understand the applications of heating effect of electric current.</li> <li>Learn that filament in bulb glows and produces light</li> </ul>
DECEMBER	Ch- 11 Light	Enable students to <ul style="list-style-type: none"> <li>Study and demonstrate experimentally rectilinear propagation of light.</li> <li>Differentiate between real and virtual image.</li> <li>Recognize lateral inversion in daily life for example mirror images.</li> </ul>
	Ch-13 Waste Water Story	Enable students to <ul style="list-style-type: none"> <li>Learn about waste water reuse, recycling &amp; resources recovery</li> <li>Develops critical thinking &amp; problem-solving skills</li> </ul>
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### SUBJECT-SOCIAL STUDIES

#### TEXTBOOKS:

**HISTORY: OUR PASTS-II**

**GEOGRAPHY: OUR ENVIRONMENT**

**SOCIAL AND POLITICAL LIFE: SOCIAL AND POLITICAL LIFE – II**

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<b>History</b> Ch-1 Introduction: Tracing changes through a thousand years	Enable students <ul style="list-style-type: none"> <li>To define new terms, empires, religions and social groups in India.</li> </ul>
	<b>Geography</b> Ch-1 Environment	Enable students to <ul style="list-style-type: none"> <li>Understand the interdependence of biotic and abiotic components.</li> <li>Develop analytical mind to find out ways of conservation of the ecosystem.</li> </ul>
JUNE	<b>History</b> Ch-2 Kings and Kingdoms	Enable students to <ul style="list-style-type: none"> <li>Locate and identify the regions ruled by these dynasties in India.</li> <li>Have critical thinking on the continuous occurrence of Tripartite Struggle</li> </ul>
	<b>Geography</b> Ch-2 Inside our Earth	Enable students <ul style="list-style-type: none"> <li>To know about different layers of the earth.</li> <li>To describe different types of rocks and the process of rock cycle.</li> </ul>
	<b>Civics</b> Ch-1 On Equality	Enable students <ul style="list-style-type: none"> <li>To understand the concept of equality.</li> <li>To know the various articles of our constitution that have guaranteed equality.</li> </ul>

JULY	<b>History</b> Ch-3 Delhi: 12 <sup>th</sup> to 15 <sup>th</sup> CE	Enable students <ul style="list-style-type: none"> <li>Have an analysis of the two rulers – Alauddin Khalji and Muhammad Tughluq – how Alauddin Khalji is considered as a better administrator than Muhammad Tughluq.</li> </ul>
	<b>Geography</b> Ch-3 Our Changing Earth	Enable the students <ul style="list-style-type: none"> <li>To know about the internal and external forces acting upon the Earth.</li> </ul>
	<b>Civics</b> Ch-2 Role of the Government in Health Ch-3 How the State Government Works	Enable the students <ul style="list-style-type: none"> <li>To understand the role of government in health care.</li> <li>To differentiate between public and private healthcare services.</li> <li>To understand the framework of state government.</li> <li>Explain the division of power between centre and state.</li> <li>Compare the functions of Legislative council and Legislative assembly.</li> </ul>
AUGUST	<b>Geography</b> Ch-4 Air	Enable students <ul style="list-style-type: none"> <li>To develop an idea of atmosphere: composition and structure.</li> </ul>
	<b>Civics</b> Ch 4 Growing up as Boys and Girls	Enable students to <ul style="list-style-type: none"> <li>Acquire knowledge about gender inequality and how it hampers the social development.</li> </ul>
SEPTEMBER	<b>History</b> Ch-4 The Mughals (16 <sup>th</sup> & 17 <sup>th</sup> CE)	Enable students to <ul style="list-style-type: none"> <li>Understand political, social and economic changes in the Mughal period.</li> <li>Understand the Mughal Administrative system.</li> <li>Appreciate the art, culture, heritage and architectural style of the Mughal period.</li> </ul>
	<b>Geography</b> Ch-5 Water	Enable students to <ul style="list-style-type: none"> <li>Define terms like waves, tides and currents.</li> <li>Differentiate between warm and cold ocean currents.</li> <li>Distinguish between spring tide and neap tide.</li> </ul>
	<b>Civics</b> Ch-5 Women Change the World	Enable students to <ul style="list-style-type: none"> <li>Understand the role of women in Global progress.</li> <li>Analyse the reasons why girls from different communities drop out of school in India.</li> </ul>
OCTOBER	<b>History</b> Ch-5 Tribes, Nomads & Settled Communities	Enable students to <ul style="list-style-type: none"> <li>Know about the respective tribes of India and their activities.</li> <li>Understand the significance of tribes in our country.</li> </ul>
	<b>Geography</b> Ch-6 Human Environment Interactions -The Tropical and Subtropical Region	Enable students to <ul style="list-style-type: none"> <li>Relate the climate and vegetation of the basin along with the location in the torrid zone.</li> </ul>
NOVEMBER	<b>History</b> Ch-6 Devotional Paths to the Divine Ch-7 The Making of Regional Cultures	Enable students to <ul style="list-style-type: none"> <li>Highlight the major religious ideas and practices that began during the period.</li> <li>Illustrate how traditions preserved in texts and oral traditions are used to reconstruct history.</li> <li>Understand about significant cultural developments across India.</li> </ul>
	<b>Geography</b> Ch-7 Life in the Deserts	Enable students to <ul style="list-style-type: none"> <li>Know about hot and cold deserts.</li> <li>Understand the life of Sahara Desert and Ladakh.</li> </ul>

	<b>Civics</b> Ch-6 Understanding Media	Enable students to <ul style="list-style-type: none"> <li>Understand the need of media.</li> <li>Know what is newsworthy.</li> <li>Reason out the significance of technological innovations in media.</li> </ul>
DECEMBER	<b>History</b> Ch-8 18 <sup>th</sup> CE Political Formations	Enable students to <ul style="list-style-type: none"> <li>Connect the events with their locations after the decline of the Mughals. Understand the changes in India with the coming of Marathas, Sikhs and Jats.</li> </ul>
	<b>Civics</b> Ch-7 Markets around Us Ch- 8 A Shirt in the Market	Enable students to <ul style="list-style-type: none"> <li>Know about the different types of markets.</li> <li>Understand the process of manufacturing a final product.</li> <li>Describe chain of market.</li> </ul>
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### SUBJECT - COMPUTER

**TEXTBOOKS:Bits to Bot**

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Ch-1 Number System	Student will learn about <ul style="list-style-type: none"> <li>Understand number system and identify its types</li> <li>Understand bits and bytes</li> <li>Understand conversion of one number system into another</li> </ul>
JUNE	Ch-2 GIMP – An Introduction	Student will learn about <ul style="list-style-type: none"> <li>Understand the features of GIMP</li> <li>Understand the component of GIMP window</li> <li>Use various tools of GIMP</li> <li>Save the GIMP image</li> </ul>
JULY	Ch–3 GIMP – Working with layers	Student will learn about <ul style="list-style-type: none"> <li>Create layers add image to it</li> <li>Understand how to work with layers</li> <li>Use various blending modes</li> </ul>
	Ch-4 Internet ethics and safeguard	Student will learn about <ul style="list-style-type: none"> <li>Understand how to protect yourself on the web</li> <li>Understand the role of parents and teachers in protecting children from cybercrime</li> </ul>
AUGUST	Ch-5 Google Apps	Student will learn about <ul style="list-style-type: none"> <li>Identify different types of Google Apps</li> <li>Understand Android os and its types</li> <li>Understand various google devices and their uses</li> </ul>
SEPTEMBER	Ch-6 HTML5 – Image, Link and table	Student will learn about <ul style="list-style-type: none"> <li>Understand how to insert image on a web page</li> <li>Create numbered and bulleted list</li> <li>Link web pages</li> <li>Understand how to insert table in a web page</li> </ul>

	Ch-7 HTML5 – Form and Multimedia	Student will learn about <ul style="list-style-type: none"> <li>• Understand input control and its types</li> <li>• Create and add forms on web page</li> <li>• Add multimedia on web page</li> </ul>
OCTOBER	Ch-8 JavaScript – An introduction	Student will learn about <ul style="list-style-type: none"> <li>• Understand programming language and python.</li> <li>• Understand JavaScript and its advantages</li> <li>• Add JavaScript to the webpage</li> <li>• Understand JavaScript statement</li> <li>• Use function in JavaScript</li> </ul>
NOVEMBER	Ch-9 Python – Conditional Control Structures	Student will learn about <ul style="list-style-type: none"> <li>• Identify different operators and operator precedence</li> <li>• Understand different types of statement</li> <li>• Understand different types of conditional control structures.</li> </ul>
DECEMBER	Ch-10 AI for Sustainable Development Goals	Student will learn about <ul style="list-style-type: none"> <li>• Understand sustainable development and its pillars</li> <li>• Understand 17SDG and role of AI in achieving these goals</li> <li>• Understand ethical concern of AI related to data.</li> </ul>
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### **SUBJECT-GROUP DISCUSSION**

Month	Topic	LEARNING OUTCOMES
April	1. The Role of Technology in Education 2. Is Climate Change the Greatest Threat to Mankind? 3. How to Reduce Discrimination in Society? 4. Should the Government Provide Free Education for All?	<ul style="list-style-type: none"> <li>• Understand how technology enhances learning and teaching methods.</li> <li>• Recognize the science behind climate change and its global impact.</li> <li>• Understand the causes and effects of discrimination in society.</li> <li>• Discuss the benefits and challenges of free education for all.</li> </ul>
June	1. Cricket as a National Obsession is a Detriment to Other Sports 2. Is it fair to spare political parties from income tax investigation? 3. One India One Election - Pros and Cons 4. Should Hindi be the official language of India?	<ul style="list-style-type: none"> <li>• Understand the social and cultural significance of cricket in India.</li> <li>• Analyze the implications of tax exemptions for political parties on transparency and accountability.</li> <li>• Understand the concept of simultaneous elections and its potential benefits (e.g., cost reduction, increased efficiency).</li> <li>• Explore the cultural, linguistic, and political implications of making Hindi the official language.</li> </ul>
July	1. How to Reduce Discrimination in Society? 2. Should the public sector be privatized? 3. Is Globalization Really Necessary?	<ul style="list-style-type: none"> <li>• Understand the root causes and types of discrimination.</li> <li>• Analyze the benefits and drawbacks of privatizing public sector services.</li> <li>• Understand the key concepts of globalization and its impact on economies, cultures, and societies.</li> </ul>
August	1. The Need for Sustainable Farming Practices 2. Polythene bags must be banned! 3. How is Technology impacting the Banking sector?	<ul style="list-style-type: none"> <li>• Understand the environmental, economic, and social importance of sustainable farming.</li> <li>• Understand the environmental harm caused by polythene bags.</li> <li>• Learn how technology is transforming banking services (e.g., online banking, mobile apps, blockchain).</li> </ul>

	4. Are digital payments secure enough for the Indian economy to go cashless?	<ul style="list-style-type: none"> <li>• Discuss the security risks and benefits of digital payments (e.g., fraud, cybersecurity).</li> </ul>
September	1. Is Dependence on Computers a Good Thing? 2. Is India ready for Electric Vehicles? 3. Which is more important: Creativity or Efficiency?	<ul style="list-style-type: none"> <li>• Understand the advantages and risks of heavy reliance on computers in daily life. Evaluate India's infrastructure, policies, and market readiness for electric vehicles (EVs).</li> <li>• Discuss the value of creativity and efficiency in different fields (e.g., business, education, technology).</li> </ul>
October	1. Is Dependence on Computers a Good Thing? 2. Cleanliness is a Fundamental Responsibility of an Indian Citizen 3. Presidential v/s Parliamentary Form of Government in India	<ul style="list-style-type: none"> <li>• Understand the benefits and risks of relying on computers for daily tasks.</li> <li>• Discuss the importance of cleanliness for public health and environmental well-being.</li> <li>• Understand the key differences between the Presidential and Parliamentary systems of government.</li> </ul>
November	1. What will you do if you never die? 2. Regional languages in India are fading out in 3. today's world. 3. Demonetisation has reduced the Corruption, Black Money and Terrorism?	<ul style="list-style-type: none"> <li>• Explore philosophical questions related to immortality and its impact on human priorities.</li> <li>• Discuss the reasons behind the decline of regional languages in India.</li> <li>• Analyze the objectives and outcomes of demonetisation in India.</li> </ul>
December	1. what would you have witnessed if you lived upto 200 years? 2. Where do you want to see yourself in 10 years? 3. Role of cocurricular activities in personality development. 4. The Role of Geography in Shaping a Nation's Economy.	<ul style="list-style-type: none"> <li>• Explore the historical, cultural, and technological changes over a long lifespan.</li> <li>• Reflect on personal goals and aspirations for the future.</li> <li>• Understand how co-curricular activities contribute to developing soft skills like communication, leadership, and teamwork.</li> </ul>

### **SUBJECT-GENERAL KNOWLEDGE**

<b>MONTHS</b>	<b>UNIT/ CHAPTER / TOPIC</b>	<b>LEARNING OUTCOMES</b>
APRIL	Unit 1- Our Friends- Animals and Plants	<ul style="list-style-type: none"> <li>• Students will understand the importance of animals and plants in maintaining ecological balance.</li> <li>• They will learn to classify animals and plants based on characteristics and habitats.</li> <li>• Students will gain awareness about endangered species and the need for conservation.</li> <li>• They will understand the interdependence of animals and plants in ecosystems.</li> </ul>
JUNE	Unit 2- My Country India	<ul style="list-style-type: none"> <li>• Students will gain knowledge about India's geography, major landmarks, and physical features.</li> <li>• They will understand India's rich cultural diversity, including languages, festivals, and traditions.</li> <li>• Students will learn about India's historical events, key leaders, and national symbols.</li> <li>• They will appreciate India's heritage, including its contributions to art, science, and technology.</li> </ul>



JULY	Unit 3- Playful Sports and Games	<ul style="list-style-type: none"> <li>Students will understand the rules, equipment, and techniques of various sports and games.</li> <li>They will recognize the importance of sports for physical fitness, teamwork, and sportsmanship.</li> <li>Students will learn about major sporting events and famous athletes globally.</li> </ul>
AUGUST	Unit 4- Entertainment	<ul style="list-style-type: none"> <li>They will learn about influential personalities in the entertainment industry and their contributions.</li> <li>Students will understand the impact of entertainment on culture, society, and personal well-being.</li> <li>They will develop an appreciation for different entertainment genres and trends globally.</li> </ul>
SEPTEMBER	Unit 5- Tales and Texts	<ul style="list-style-type: none"> <li>Students will explore various folktales, myths, and literary texts from different cultures.</li> <li>They will understand the moral lessons and themes conveyed through these stories.</li> <li>Students will develop their reading and comprehension skills by analysing characters, plots, and settings in different texts.</li> </ul>
OCTOBER	Unit 6- Science Wonders	<ul style="list-style-type: none"> <li>Students will learn about significant scientific discoveries and inventions that have shaped the world.</li> <li>They will understand key concepts in physics, chemistry, biology, and other scientific fields.</li> <li>Students will explore the wonders of the natural world, such as unique phenomena, natural resources, and inventions.</li> <li>They will develop an appreciation for the role of science in improving daily life and solving global challenges.</li> </ul>
NOVEMBER	Unit 7- Mother Nature	<ul style="list-style-type: none"> <li>Students will understand the importance of nature and its elements, including plants, animals, water, and air.</li> <li>They will learn about ecosystems, biodiversity, and the interdependence of living organisms.</li> <li>Students will develop an awareness of environmental issues like pollution, deforestation, and climate change.</li> <li>They will recognize the need for conservation and sustainable practices to protect Mother Nature for future generations.</li> </ul>
DECEMBER	Unit 8- Worlds Around Us	<ul style="list-style-type: none"> <li>Students will understand the importance of nature and its elements, including plants, animals, water, and air.</li> <li>They will learn about ecosystems, biodiversity, and the interdependence of living organisms.</li> <li>Students will develop an awareness of environmental issues like pollution, deforestation, and climate change.</li> <li>They will recognize the need for conservation and sustainable practices to protect Mother Nature for future generations.</li> </ul>
JANUARY- FEBRUARY	REVISION FOR ANNUAL EXAMINATION	

**SUBJECT-VALUE EDUCATION**

<b>MONTHS</b>	<b>UNIT/ CHAPTER / TOPIC</b>	<b>LEARNING OUTCOMES</b>
APRIL	EMPATHY AND COMPASSION	<ul style="list-style-type: none"><li>• <b>Understanding the Concepts of Empathy and Compassion:</b> Students learn the meanings of empathy and compassion.</li></ul>
MAY	IMPORTANCE OF MENTAL HEALTH	<ul style="list-style-type: none"><li>• <b>Recognizing the Importance of Mental Health in Daily Life:</b> Students understand that mental health impacts all areas of life, including relationships, academic performance, decision-making, and emotional regulation. They learn that maintaining good mental health is essential for leading a fulfilling and balanced life.</li></ul>
JUNE	SOCIAL RESPONSIBILITY	<ul style="list-style-type: none"><li>• <b>Understanding the Concept of Social Responsibility:</b> Students learn that social responsibility involves taking action to contribute to the well-being of their community, society, and the environment.</li><li>• <b>Recognizing the Role of Individuals in Society:</b> Students understand that every individual has a role to play in shaping society.</li></ul>
JULY	ENVIRONMENTAL AWARENESS AND SUSTAINABILITY	<ul style="list-style-type: none"><li>• <b>Recognizing the Importance of Sustainability:</b> Students are taught the concept of sustainability, which involves meeting the needs of the present without compromising the ability of future generations to meet their own needs.</li><li>• They understand that sustainable practices ensure the long-term health and well-being of the planet and all its inhabitants.</li></ul>
AUGUST	TIME MANAGEMENT AND DISCIPLINE	<ul style="list-style-type: none"><li>• <b>Understanding the Importance of Time Management:</b> Students learn that time is a valuable resource that cannot be regained once lost. They understand the importance of managing their time effectively to achieve their goals, meet deadlines, and maintain a balance between academics, personal activities, and rest.</li></ul>
SEPTEMBER	DEVELOPING EMPATHY FOR OTHERS	<ul style="list-style-type: none"><li>• They will distinguish empathy from sympathy and understand that empathy involves feeling with others, while sympathy is feeling pity for others.</li></ul>
OCTOBER	RESPECT FOR TEACHERS AND ELDERS	<ul style="list-style-type: none"><li>• <b>Understanding the Importance of Respect for Teachers and Elders:</b> Students learn that teachers and elders play a vital role in shaping their lives and society. They understand that respecting teachers and elders is a fundamental value that helps build a harmonious and supportive environment for learning and personal growth.</li></ul>

NOVEMBER	THE VALUE OF TIME MANAGEMENT	<ul style="list-style-type: none"> <li>Understanding the Significance of Time</li> <li>Setting Priorities and Goals</li> </ul>
DECEMBER	HONORING DIVERSITY AND CULTURAL HERITAGE	<ul style="list-style-type: none"> <li><b>Understanding the Concept of Diversity and Cultural Heritage:</b> Students learn that diversity refers to the differences in people, including race, ethnicity, religion, language, traditions, and customs. They also understand that cultural heritage involves the shared history, values, practices, and artifacts passed down through generations.</li> <li><b>Promoting Respect for Different Cultures:</b> Students are taught the importance of respecting cultural differences and learning from them. They understand that respecting people's customs, traditions, and beliefs helps to foster a more inclusive and harmonious society.</li> </ul>
JANUARY	SELF-AWARENESS AND PERSONAL DEVELOPMENT	<ul style="list-style-type: none"> <li><b>Understanding the Concept of Self-awareness:</b> Students learn that self-awareness is the ability to recognize and understand their own emotions, thoughts, behaviors, and how they impact others.</li> </ul>
FEBRUARY	GENDER EQUALITY AND EMPOWERMENT	<ul style="list-style-type: none"> <li><b>Recognizing the Importance of Gender Empowerment:</b> Students are taught that gender empowerment involves giving individuals the power, opportunities, and resources to make choices and take control of their lives.</li> <li><b>Challenging Gender Stereotypes and Biases:</b> Students learn to recognize and challenge traditional gender roles and stereotypes that limit opportunities for individuals based on their gender. They are taught that gender should not dictate what a person can achieve, and they understand how these stereotypes can perpetuate inequality.</li> </ul>

### SUBJECT-ART & CRAFT

MONTH	TOPIC	LEARNING OUTCOMES
APRIL	<p>Basic Fundamental Course in Visual Art Model study-Human anatomy study- pencil shading</p> <p>Materials- A3 paper, Shading pencil set (HB-10B)</p>	<ul style="list-style-type: none"> <li>Students will learn Drawing technique and process like, proportion, perspective, shading and blending techniques.</li> <li>Understand the usefulness of pencil shading.</li> <li>Learning anatomy drawing technique and process.</li> <li>Student will learn how to draw anatomy with geometric shape and lines.</li> <li>Student will learn realistic drawing.</li> </ul>
JUNE	<p>Model study-Human anatomy study- pencil shading Final art work</p> <p>Final art work submission with frame.</p>	<ul style="list-style-type: none"> <li>Students will learn Drawing technique and process like, proportion, perspective, shading and blending techniques.</li> <li>Understand the usefulness of pencil shading.</li> </ul>

		<ul style="list-style-type: none"> <li>• Learning anatomy drawing technique and process.</li> <li>• Student will learn how to draw anatomy with geometric shape and lines.</li> <li>• Student will learn realistic drawing.</li> </ul>
JULY	Print making-found object print-basic steps Size- A3 with framing	<ul style="list-style-type: none"> <li>• Student will learning basic print technique with found object.</li> <li>• To develop Gross motor skills.</li> <li>• Develop Artistic mind.</li> </ul>
AUGUST	<p>“Ek Bharat Shreshtha Bharat” – Poster making with mixed media. Size-A4</p> <p><u>Materials</u>-A4 paper, artist acrylic color 12shades, round brush 12,8,4,2, crayons, sketch pen.</p>	<ul style="list-style-type: none"> <li>• Showcase regional culture.</li> <li>• Promote a sense of national identity</li> </ul>
SEPTEMBER	<p>Clay modeling- Basic steps Flower vase making with modeling clay-coiling process-step by step</p> <p><u>Materials</u>- Modeling clay 2kg, sponge, cloth, plastic sheet for covering.</p>	<ul style="list-style-type: none"> <li>• To understand how to crate a 3D form in visual art.</li> <li>• Basic modeling technique with mixed media.</li> <li>• developes artistic mind.</li> </ul>
OCTOBER	<p>Textile art- Gond art on T-shirt</p> <p><u>Materials</u>- white T-shirt in your own size, Fabric color 12 shades, A3 paper, round brush 12,8,4,2</p>	<ul style="list-style-type: none"> <li>• Student will Learning how to paint a T-shirt with fabric color.</li> <li>• To Learning folk art.</li> <li>• To develop realistic painting idea.</li> </ul>
NOVEMBER	<p>Creative Scenery with free hand technique. With acrylic color. Part-1</p> <p><u>Materials</u>- A3 paper, artist acrylic color 12shades, round brush 12,8,4,2. Tooth brush, sponge, some special object for impression.</p>	<p>Enable students to learn</p> <ul style="list-style-type: none"> <li>• scenery making.</li> <li>• Material and its use</li> </ul>
DECEMBER- JANUARY	<p>Creative Scenery with free hand technique. With acrylic color. Part-2</p> <p><u>Materials</u>- A3 paper, artist acrylic color 12shades, round brush 12,8,4,2. Tooth brush, sponge, some special object for impression.</p>	<p>Enable students to learn</p> <ul style="list-style-type: none"> <li>• scenery making.</li> <li>• Material and its use</li> </ul>

### SUBJECT-MUSIC

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	1. 12 Beats alankars 2. Prayer song - (Itni Shakti hume dena data) with instruments	<ul style="list-style-type: none"> <li>• Enable students to understand Expressions and rhythm</li> </ul>

		<ul style="list-style-type: none"> <li>Understand In-tune singing</li> </ul>
JUNE	Notation of Teentaal & Ektaal	<ul style="list-style-type: none"> <li>Enable students to Identify rhythm</li> </ul>
JULY	Raag Bhairav	Enable students to <ul style="list-style-type: none"> <li>understand Classical Music</li> <li>learn different types of Techniques</li> </ul>
AUGUST	Patriotic song	<ul style="list-style-type: none"> <li>Develop Patriotism</li> </ul>
SEPTEMBER	Types of Naad – Aahat and Anaahat	Enable students to <ul style="list-style-type: none"> <li>get Theoretical knowledge on types of Naad</li> <li>Develop Creative skills</li> </ul>
OCTOBER	Motivational Song	<ul style="list-style-type: none"> <li>Develop Rhythm skill</li> </ul>
NOVEMBER	National Anthem with instruments preparation	Develop <ul style="list-style-type: none"> <li>Team Work</li> <li>Rhythm Skill</li> </ul>
DECEMBER & JANUARY	Community Song	Develop <ul style="list-style-type: none"> <li>Team Work</li> <li>Rhythm Skill</li> </ul>

### **SUBJECT- DANCE**

<b>MONTHS</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
APRIL	1. Basic Steps of Bharatnatyam Visharu adavu 1 to 4  2. Basic Steps of Bharatnatyam Kuditamitta adavu no 1to 3	<ul style="list-style-type: none"> <li>Students will be able to practice steps 1 to 4 of Bharatnatyam's Visharu adavu, students develop coordination, grace, and a deeper understanding of the dance's cultural and artistic nuances.</li> <li>Students will be able to practice basic steps of Bharatnatyam's Kuditamitta adavu, specifically steps 1 to 3, through detailed practice and rhythmic coordination.</li> </ul>
JUNE	1. Recapitulation Bharatnatyam Visharu adavu 1 to 4	<ul style="list-style-type: none"> <li>Students will be able to recapitulation of Bharatanatyam's Visharu adavu steps 1 to 4, learners deepened their understanding of rhythmic patterns with music.</li> </ul>
JULY	1. Basic steps of Bharatnatyam pakka Aadavu no 1 to 5	<ul style="list-style-type: none"> <li>Students will be able to practice basic steps of Bharatnatyam's Pakka Aadavu from steps 1 to 5, demonstrating proficiency in foundational movements essential for classical dance performance.</li> </ul>
AUGUST	2. Basic Steps of Patriotic dance	<ul style="list-style-type: none"> <li>Students will be able to Understand the historical and cultural significance of patriotic dances.</li> </ul>

SEPTEMBER	1. <u>Basic steps of Bharatnatyam pakka Aadavu no 1 to 6</u>	<ul style="list-style-type: none"> <li>Students will be able to practice basic steps of Bharatnatyam's Pakka Aadavu from steps 1 to 6 , demonstrating proficiency in foundational movements essential for classical dance performance.</li> </ul>
OCTOBER	2. Basic Steps of folk ance	<ul style="list-style-type: none"> <li>Students will be able to learned coordination and teamwork through organizing Folk dance preparations, fostering a sense of community and cultural celebration</li> </ul>
NOVEMBER	1. 1.Basic steps of Pakka Aadavu no-1 to 7	<ul style="list-style-type: none"> <li>Students will be able to practice basic steps of Bharatnatyam's Pakka Aadavu from steps 1 to 7 , demonstrating proficiency in foundational movements essential for classical dance performance.</li> </ul>
DECEMBER – JANUARY	1.Basic Step of Bharatnatyam Tatta Aadavu no- 1 to 8	<ul style="list-style-type: none"> <li>Students will focuses on mastering the basic steps of Bharatnatyam, including Tatta Aadavu steps 1 to 8 which form the foundational movements essential for developing grace and precision in this classical dance form.</li> </ul>

### PHYSICAL EDUCATION

MONTH	TOPIC	LEARNING OUTCOME
APRIL	<b>Athletics</b> <ol style="list-style-type: none"> <li>Throw- Javelin Throw</li> <li>Throw- Shot Put</li> <li>Throw- Discus Throw</li> </ol>	<ul style="list-style-type: none"> <li>Students will demonstrate proper form and technique for executing javelin, shot put, discus, and hammer throws</li> <li>Students will improve their physical strength and conditioning specific to the demands of each throwing event.</li> <li>Students will learn to accurately measure their throws and analyze their performance to identify areas for improvement.</li> </ul>
JUNE	<b>Chess</b> <ol style="list-style-type: none"> <li>History, its rules and regulations</li> <li>Opening Theory</li> <li>Tactics</li> <li>Strategy</li> </ol>	<ul style="list-style-type: none"> <li>Gain a solid understanding of the history, rules, and regulations that govern the game of chess.</li> <li>Learn strategic opening moves to gain an early advantage in a chess game.</li> <li>Improve your ability to recognize and execute tactical moves to outplay your opponent.</li> <li>Develop long-term strategic thinking to plan several moves ahead for a more successful game.</li> </ul>
JULY	<b>Badminton</b> <ol style="list-style-type: none"> <li>History, its rules and regulations</li> <li>Measurement of the court</li> <li>Forehand grip</li> <li>Forehand and back hand drive</li> </ol>	<ul style="list-style-type: none"> <li>Understand the history, rules, and essential regulations that shape the game of badminton.</li> <li>Learn the precise measurements of a badminton court to improve gameplay awareness.</li> <li>Master the forehand grip to gain better control and accuracy over your shots.</li> <li>Improve the technique and power of your forehand and backhand drives to increase shot effectiveness.</li> </ul>
AUGUST	<b>Football</b> <ol style="list-style-type: none"> <li>History, Its Rules and Regulations of the Game</li> <li>Measurement of the ground</li> <li>Sole Tapping and Heading</li> </ol>	<ul style="list-style-type: none"> <li>Understand the history, rules, and regulations governing the game of football.</li> <li>Learn how to measure and set up the playing ground according to standard dimensions</li> <li>Develop skills in sole tapping, heading, and executing one and two-touch passes during gameplay.</li> </ul>

	4. Kicking one and two touch pass	<ul style="list-style-type: none"> <li>Improve the technique and power of your forehand and backhand drives to increase shot effectiveness.</li> </ul>
<b>SEPTEMBER</b>	<b>Kho-Kho</b> <ol style="list-style-type: none"> <li>Its Rules and Regulations the Game</li> <li>Measurement of the ground</li> <li>Pole Diving</li> <li>Zig Zag Running in Kho -Kho</li> </ol>	<ul style="list-style-type: none"> <li>Learn the fundamental rules and regulations governing the game.</li> <li>Acquire knowledge of the standard dimensions of a Kho-Kho field.</li> <li>Master the technique of diving to touch the pole swiftly and safely.</li> <li>Develop skills in quick and efficient zigzag running to evade opponents.</li> </ul>
<b>OCTOBER</b>	<b>Cricket</b> <ol style="list-style-type: none"> <li>History, Its Batting</li> <li>Fielding Position</li> <li>Bowling Practice</li> <li>Wicket Keeping</li> <li>Hand-Eye Coordination</li> </ol>	<ul style="list-style-type: none"> <li>Understand the origins and evolution of cricket and master fundamental batting techniques.</li> <li>Identify and describe the roles of different fielding positions in cricket.</li> <li>Develop proficiency in various bowling styles and techniques.</li> <li>Learn essential wicket-keeping skills and positioning strategies.</li> <li>Enhance hand-eye coordination crucial for batting, bowling, and fielding.</li> </ul>
<b>NOVEMBER</b>	<b>Volleyball</b> <ol style="list-style-type: none"> <li>History, Its Basic Rules and Regulation Under Hand Pass</li> <li>Under Hand Service</li> <li>Overhead Passing</li> </ol>	<ul style="list-style-type: none"> <li>Understand the history of volleyball, its basic rules, and regulations, focusing on the underhand pass technique.</li> <li>Demonstrate proficiency in performing underhand service techniques in volleyball, including proper stance, contact point, and follow-through.</li> <li>Develop skills in executing overhead passing in volleyball, emphasizing control, accuracy, and communication with teammates.</li> </ul>
<b>DECEMBER</b>	<b>Athletics</b> <ol style="list-style-type: none"> <li>Short Distance Race</li> <li>Middle Distance Race</li> <li>Long Distance Race</li> <li>Relay Race</li> </ol>	<ul style="list-style-type: none"> <li>Enhance your sprinting technique, speed, and explosiveness to perform better in short-distance races.</li> <li>Build endurance, pacing, and stamina to improve performance in middle-distance running events.</li> <li>Improve your mental and physical endurance to run efficiently and successfully in long-distance races.</li> <li>Develop teamwork, coordination, and smooth baton exchanges to improve your relay race performance.</li> </ul>

### **SUBJECT-LOGIC & BEYOND**

<b>MONTH</b>	<b>CHAPTER</b>	<b>LEARNING OUTCOME</b>
APRIL	<b>Verbal Aptitude</b> Ch-1: Analogy Ch-2 : Classification	Students will <ul style="list-style-type: none"> <li>Identify word relationships and complete analogies.</li> <li>Find the odd one out based on common properties.</li> </ul>
JUNE	<b>Verbal Aptitude</b> Ch-3: Ranking  Ch-4: Coding-Decoding	<ul style="list-style-type: none"> <li>Students will be able to Determine order and position in a given sequence.</li> <li>Students will be able to Decode and interpret letter or number patterns.</li> </ul>

JULY	<b>Verbal Aptitude</b> Ch-5: Blood Relation Ch-6: Logical Venn Diagram <b>Non-Verbal Aptitude</b> Ch-7: Analogy	<ul style="list-style-type: none"> <li>Students will be able to Solve problems based on family relationships.</li> <li>Students will be able to Represent and analyze relationships using Venn diagrams.</li> <li>Students will be able to Identify visual relationships and complete patterns.</li> </ul>
August	<b>Non-Verbal Aptitude</b> Ch-8: Patterns Ch-9: Classification Ch-10 Embedded Figures	<ul style="list-style-type: none"> <li>To Recognize and predict missing or next figures in a sequence.</li> <li>To Find the odd one out based on shape, size, or design.</li> <li>To Locate hidden shapes within complex figures.</li> </ul>
September	<b>Non-Verbal Aptitude</b> Ch-11 Mirror images Ch-12 Water Images	<ul style="list-style-type: none"> <li>To Identify the correct mirror reflection of a given shape</li> <li>To Determine the water reflection of a figure.</li> </ul>
October	<b>Non-Verbal Aptitude</b> Ch-13 Paper Cutting and Folding Ch-14 Puzzle test	<ul style="list-style-type: none"> <li>To Predict shapes formed after folding and cutting paper.</li> <li>To Solve logical puzzles using visual reasoning.</li> </ul>
November	<b>Quantitative Aptitude</b> Ch-15 Numbers Ch-16 Series Ch-17 Simple Mathematical Operations	<ul style="list-style-type: none"> <li>To Identify number patterns and relationships.</li> <li>To Recognize and complete number and figure sequences.</li> <li>To Apply basic arithmetic rules logically.</li> </ul>
December	<b>Quantitative Aptitude</b> Ch-18 Age Ch-19 BODMAS Ch-20 Direction Sense	<ul style="list-style-type: none"> <li>Solve age-related problems using logical reasoning.</li> <li>Apply the correct order of operations in mathematical expressions.</li> <li>Determine position and movement based on directions.</li> </ul>
January	<b>Quantitative Aptitude</b> Ch-21 Analytical Reasoning Ch-22 Cubes and Dice Ch-23 Data Analysis and Line Graphs Sample papers	<ul style="list-style-type: none"> <li>Analyze and solve problems using logical thinking.</li> <li>Visualize and interpret cube and dice patterns.</li> <li>Interpret and analyze data from charts and graphs.</li> </ul>