

**CURRICULUM PLAN**

**SESSION 2023-2024**

**CLASS 10**

**CURRICULUM PLAN  
CLASS 10 (2023-2024)  
ENGLISH**

Prescribed Books:-

- (a)Literature Reader
- (b)Workbook
- (c)Main Course Book

General Objectives:-

To enable the learners to :

- Recognize & identify the main points of the text.
- Communicate effectively & appropriately in real life.
- Use english effectively beyond the curriculum

**APRIL(18 days)**

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
F1. Two Gentlemen of Verona	Interactive Approach Reading & Explanation Class Discussion/group PDFs,Worksheets	<ul style="list-style-type: none"> <li>• Comprehend the text -Vocabulary enrichment</li> <li>• Imbibe the values from the story</li> <li>• Appreciate the content</li> <li>• Problem Solving</li> </ul>
<u>Activity:-</u> Dialogue Writing	Interactive Approach • Class/group Discussion Y Active learning through activities. • Worksheet/Puzzle	Scientific temperament will be enhanced Y Creative thinking, Experiential learning
P1. Frog & the Nightingale	Interactive Approach Reading & Explanation Class Discussion/group Recitation/Paraphrasing PDFs,Worksheets	Y Read for thematic understanding & pleasure Y Identify the poetic devices Imbibe the values from the poem
Activity:- Crossword puzzle	Interactive Approach • Class/group Discussion Y Creative thinking  Experiential learning	Y Critical & Creative thinking  Y Scientific temperament will be enhanced Active learning through activities

**MAY(15 days)**

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
<p>F2.Mrs.Packletide's Tiger</p> <p><u>Activity:-</u> Poster on 'Save Tiger'</p> <p><u>Workbook:-</u> Unit 4 Non-Finites</p> <p>MCB:- Unit 1-Health &amp; Medicines</p> <p>Writing Skills based on MCB</p>	<p>Interactive Approach Reading &amp; Explanation Class Discussion/group PDFs,Worksheets</p> <p>Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning</p> <p>Interactive Approach Class Discussion/group Discussion Y PDFs,Worksheets</p> <p>Y Interactive Approach Y Reading &amp; Explanation Y Class Discussion/group Discussion Y Critical thinking Y Problem solving</p> <p>Interactive Approach Y Problem solving ,Active learning Y Format Discussion Y Analytical skills • PDFs,Worksheets Y Creative &amp; Critical thinking</p>	<ul style="list-style-type: none"> <li>• Comprehend the text -</li> <li>Vocabulary enrichment</li> <li>• Imbibe the values from the story</li> <li>• Appreciate the content</li> <li>• Problem Solving</li> </ul> <p>Y Scientific temperament will be enhanced Active learning through activities</p> <ul style="list-style-type: none"> <li>• Understanding &amp; using the non-finites correctly</li> <li>• Framing correct sentences using non-finites</li> </ul> <p>Y Comprehend the text <input type="checkbox"/> Reading extensively at their own <input type="checkbox"/> Making correct sentences</p> <ul style="list-style-type: none"> <li>• Understand &amp; apply the formats correctly</li> </ul> <p>-Fluency in writing</p>

## JULY(21 days)

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
F3. The Letter	Interactive Approach Reading & Explanation Class Discussion/group PDFs,Worksheets • Problem Solving	<ul style="list-style-type: none"> <li>• Comprehend the text</li> <li>- Vocabulary enrichment</li> <li>• Imbibe the values from the story</li> <li>• Appreciate the content</li> </ul>
<u>Activity:-</u> Arrange the sequence	Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning	Y Scientific temperament will be enhanced Active learning through activities
P2. Mirror	Interactive Approach Reading & Explanation Class Discussion/group PDFs,Worksheets • Problem Solving Y Critical & Creative thinking Recitation/Paraphrasing	Y Read for thematic understanding & pleasure Y Identify the poetic devices Y Imbibe the values from the poem Y Scientific temperament will be enhanced Active learning through activities
<u>Activity:-</u> Research on Conversational poem	Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning	Y Read for thematic understanding & pleasure Y Identify the poetic devices Y Imbibe the values from the poem
P3. Not Marble Nor The Gilded Monuments	Interactive Approach Reading & Explanation Class Discussion/group PDFs,Worksheets • Problem Solving Y Critical & Creative thinking Recitation/Paraphrasing	Y Scientific temperament will be enhanced Active learning through activities
<u>Activity:-</u> What's a Sonnet Shakespeare as a Sonnetier	Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning	

<p><u>Workbook:-</u> Unit 5 Relatives Unit 7 Conditionals</p>	<p>Interactive Approach Class Discussion/group Discussion □ PDFs,Worksheets</p>	<ul style="list-style-type: none"> <li>• Understanding &amp; using the relatives &amp; conditionals correctly</li> <li>• Framing correct sentences using relatives &amp; conditionals</li> </ul>
<p><u>MCB:-</u> Unit 2- Education Unit 3- Science</p>	<p>Y Interactive Approach Y Reading &amp; Explanation Y Class Discussion/group Discussion Y Critical thinking Y Problem solving</p>	<p>Y Comprehend the text □ Reading extensively at their own □ Making correct sentences</p>
<p>Writing Skills based on MCB</p>	<p>Interactive Approach Y Problem solving ,Active learning Y Format Discussion Y Analytical skills • PDFs,Worksheets Y Creative &amp; Critical thinking</p>	<ul style="list-style-type: none"> <li>• Understand &amp; apply the formats correctly</li> <li>-Fluency in writing</li> </ul>

**AUGUST (23 days)**

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
<p>P4. Ozymandias</p> <p><u>Activity:-</u> Comparing Sonnets with illustration</p> <p>D1. The Dear Departed</p> <p><u>Activity:-</u> Categorising the irony</p>	<p>Interactive Approach Reading &amp; Explanation Class Discussion/group PDFs,Worksheets • Problem Solving Y Critical &amp; Creative thinking Recitation/Paraphrasing</p> <p>Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning</p> <p>Interactive Approach Reading &amp; Explanation Class Discussion/group PDFs,Worksheets • Problem Solving Y Critical &amp; Creative thinking</p> <p>Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning</p>	<p>Y Read for thematic understanding &amp; pleasure Y Identify the poetic devices Y Imbibe the values from the poem</p> <p>Y Scientific temperament will be enhanced Active learning through activities</p> <ul style="list-style-type: none"> <li>• Read for thematic understanding &amp; pleasure</li> </ul> <p>Comprehend the text Y Vocabulary enrichment Y Character Analysis</p> <p>Y Scientific temperament will be enhanced Active learning through</p>

<p><u>Workbook:-</u> Unit 8- Comparison</p>	<p>Interactive Approach Class Discussion/group Discussion Y PDFs,Worksheets</p>	<p>activities</p> <ul style="list-style-type: none"> <li>• Understanding &amp; using the comparison correctly</li> <li>• Framing correct sentences using comparison</li> </ul>
<p><u>MCB:-</u> Unit 4- Environment</p>	<p>Y Interactive Approach Y Reading &amp; Explanation Y Class Discussion/group Discussion Y Critical thinking Y Problem solving</p>	<p>Y Comprehend the text <input type="checkbox"/> Reading extensively at their own <input type="checkbox"/> Making correct sentences</p> <ul style="list-style-type: none"> <li>• Understand &amp; apply the formats correctly</li> <li>-Fluency in writing</li> </ul>
<p>Writing Skills based on MCB</p>	<p>Interactive Approach Y Problem solving ,Active learning Y Format Discussion Y Analytical skills Y Creative &amp; Critical thinking</p>	

**SEPTEMBER (10 days)** - Revision for Mid-Term Exam

**OCTOBER(19 days)**

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
<p>F4. A Shady Plot</p> <p><u>Activity:-</u> Comic Strip</p> <p>P5. The Rime of the Ancient Mariner</p>	<p>Interactive Approach Reading &amp; Explanation Class Discussion/group PDFs,Worksheets Y Critical &amp; Creative thinking</p> <p>Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning</p> <p>Interactive Approach Reading &amp; Explanation Class Discussion/group PDFs,Worksheets • Problem Solving Y Critical &amp; Creative thinking</p>	<ul style="list-style-type: none"> <li>• Read for thematic understanding &amp; pleasure Comprehend the text</li> <li>Y Vocabulary enrichment</li> <li>Y Character Analysis</li> <li>Y Scientific temperament will be enhanced</li> <li>Active learning through activities</li> <li>Y Read for thematic understanding &amp; pleasure</li> <li>Y Identify the poetic devices</li> <li>Y Imbibe the values from</li> </ul>

<p><u>Activity:-</u> Make Sentences using idioms. Archaic words list.</p>	<p>Recitation/Paraphrasing</p> <p>Interactive Approach</p> <ul style="list-style-type: none"> <li>• Class/group Discussion</li> <li>Y Creative thinking</li> <li>Y Experiential learning</li> </ul>	<p>the poem</p> <p>Y Scientific temperament will beenhanced</p> <p>Active learning throughactivities</p>
<p><u>MCB:-</u> Unit 5- Travel &amp; Tourism</p>	<p>Y Interactive Approach</p> <p>Y Reading &amp; Explanation</p> <p>Y Class Discussion/group Discussion</p> <p>Y Critical thinking</p> <p>Y Problem solving</p>	<p>Y Comprehend the text</p> <p><input type="checkbox"/>Reading extensively attheir own</p> <p><input type="checkbox"/>Making correctsentences</p> <ul style="list-style-type: none"> <li>• Understanding &amp; usingthe editing correctly</li> <li>• Framing correct sentences by avoidingrepetition</li> </ul>
<p><u>Workbook:-</u> Unit 9- Avoiding Repetition</p>	<p>Interactive Approach</p> <p>Class Discussion/group Discussion</p> <p>Y PDFs,Worksheets</p>	<ul style="list-style-type: none"> <li>• Understand &amp; applythe formats correctly</li> <li>-Fluency in writing</li> </ul>
<p>Writing Skills based on MCB</p>	<p>Interactive Approach</p> <p>Y Problem solving</p> <p>,Active learning</p> <p>Y Format Discussion</p> <p>Y Analytical skill</p> <p>Y Creative &amp; Critical thinking</p>	

**NOVEMBER(19 days)**

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
<p>F5.Patol Babu</p> <p><u>Activity:-</u> Pen Potrait</p>	<p>Interactive Approach</p> <p>Reading &amp; Explanation</p> <p>Class Discussion/group</p> <p>PDFs,Worksheets</p> <p>Y Critical &amp; Creative thinking</p> <p>Interactive Approach</p> <ul style="list-style-type: none"> <li>• Class/group Discussion</li> <li>Y Creative thinking</li> <li>Y Experiential learning</li> </ul>	<ul style="list-style-type: none"> <li>• Read for thematic understanding &amp; pleasure</li> <li>Comprehend the text</li> <li>Y Vocabulary enrichment</li> <li>Y Character Analysis</li> </ul> <p>Y Scientific temperament will beenhanced</p> <p>Active learning through activities</p> <ul style="list-style-type: none"> <li>• Read for thematic understanding &amp; pleasure</li> <li>Comprehend the text</li> </ul>
<p>P6. Snake</p>	<p>Interactive Approach</p> <p>Reading &amp; Explanation</p> <p>Class Discussion/group</p> <p>PDFs,Worksheets</p>	

<p><u>Activity:-</u> If I were a Snake Role enactment</p> <p><u>MCB:-</u> Unit 6-National Integration</p> <p><u>Workbook:-</u> Unit 10- Nominalisation</p> <p>Writing Skills based on MCB</p>	<p>Y Critical &amp; Creative thinking</p> <p>Interactive Approach</p> <ul style="list-style-type: none"> <li>• Class/group Discussion</li> </ul> <p>Y Creative thinking</p> <p>Y Experiential learning</p> <p>Y Interactive Approach</p> <p>Y Reading &amp; Explanation</p> <p>Y Class Discussion/group Discussion</p> <p>Y Critical thinking</p> <p>Y Problem solving</p> <p>Interactive Approach</p> <p>Class Discussion/group Discussion</p> <p>Y PDFs,Worksheets</p> <p>Interactive Approach</p> <p>Y Problem solving</p> <p>,Active learning</p> <p>Y Format Discussion</p> <p>Y Analytical skill</p> <p>Y Creative &amp; Critical thinking</p>	<p>Y Vocabulary enrichment</p> <p>Y Character Analysis</p> <p>Y Scientific temperament will beenhanced</p> <p>Active learning throughactivities</p> <p>Y Comprehend the text</p> <p><input type="checkbox"/>Reading extensively attheir own</p> <p><input type="checkbox"/>Making correctsentences</p> <ul style="list-style-type: none"> <li>• Understanding &amp; usingthe nominalisation correctly</li> <li>• Framing correctsentences using nominalisation</li> </ul> <ul style="list-style-type: none"> <li>• Understand &amp; applythe formats correctly</li> </ul> <p>-Fluency in writing</p>
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### DECEMBER (22 days)

Chapter/Topic	Teaching Methodology & Skills involved	Learning Outcomes
<p>F6.Virtually True</p> <p><u>Activity:-</u> Virtual character of online game</p>	<p>Interactive Approach</p> <p>Reading &amp; Explanation</p> <p>Class Discussion/group</p> <p>PDFs,Worksheets</p> <p>Y Critical &amp; Creative thinking</p> <p>Interactive Approach</p> <ul style="list-style-type: none"> <li>• Class/group Discussion</li> </ul> <p>Y Creative thinking</p> <p>Y Experiential learning</p>	<ul style="list-style-type: none"> <li>• Read for thematic understanding &amp; pleasure</li> </ul> <p>Comprehend the text</p> <p>Y Vocabulary enrichment</p> <p>Y Character Analysis</p> <p>Y Scientific temperament will beenhanced</p> <p>Active learning throughactivities</p>



<p>D2- Julius Caesar</p> <p><u>Activity:-</u> Worksheet on characters</p>	<p>Interactive Approach Class Discussion/group Discussion Y PDFs,Worksheets</p> <p>Interactive Approach • Class/group Discussion Y Creative thinking Y Experiential learning</p>	<p>• Read for thematic understanding &amp; pleasure Comprehend the text Y Vocabulary enrichment Y Character Analysis</p> <p>Y Scientific temperament will beenhanced Active learning throughactivities</p>
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### JANUARY(17 days)-

Revision for Annual Exam

#### **SUMMER BREAK HOLIDAY HOMEWORK**

(i)Art Integrated Project :-

PPT on 'EK BHARAT SRESHTHA BHARAT'

(ii)Workbook:-

Complete the Units 1,2,3 & 6

#### **WINTER BREAK HOLIDAY HOMEWORK**

(i)Art Integrated Project :-

Movie Review(Julius Caesar)

(ii)Workbook:-

Complete the Units 11 to 14

# पाठ्यक्रम योजना

## कक्षा-10 (2023-24)

### हिन्दी

#### भाषा शिक्षण उद्देश्य

- दैनिक जीवन में हिन्दी में समझने बोलने के साथ-साथ लिखने की क्षमता का विकास।
- हिन्दी के किशोर-साहित्य, अ.खबार व पत्रिकाओं को पढ़कर समझ पाना और उसका आनंद उठाने की क्षमता का विकास।
- औपचारिक विषयों और संदर्भों में बातचीत में भाग ले पाने की क्षमता का विकास।
- हिन्दी के जरिए अपने अनुभव - संसार को लिख कर सहज अभिव्यक्ति कर पाने में सक्षम बनाना।
- संचार के विभिन्न माध्यमों में प्रयुक्त हिन्दी के विभिन्न रूपों को समझने की योग्यता का विकास।
- कक्षा में बहुभाषिक, बहुसांस्कृतिक संदर्भों के प्रति संवेदनाशील सकारात्मक सोच बनाना।
- अपनी मातृभाषा और परिवेशगत भाषा को साथ रखकर हिन्दी की संरचनाओं की समझ बनाना।
- सामाजिक मुद्दों पर समझ बनाना।
- कविता, कहानी तथा घटनाओं को रोचक ढंग से लिखना।
- जाति, धर्म, रीति-रिवाज तथा लिंग के विषय को समझने की क्षमता का विकास।
- भाषा एवं साहित्य को समझने एवं आत्मसात करने की दक्षता का विकास।

#### अप्रैल

(18 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
बड़े भाई साहब	<ul style="list-style-type: none"><li>प्रवाह चित्र</li><li>पी.पी.टी</li><li>व्याख्यान विधि</li><li>दृश्य-श्रव्य साधनों का</li></ul>	<ul style="list-style-type: none"><li>विश्लेषणात्मक</li><li>रचनात्मक एवं तार्किक कौशल का विकास।</li><li>छात्र शिक्षा के सही</li></ul>

	प्रयोग	स्वरूप को समझ पाने में सक्षम हो पायेंगे।
साखी	<ul style="list-style-type: none"> <li>✚ दृश्य - श्रव्य साधनो से व्याख्यान विधि का प्रयोग ।</li> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> </ul>	<ul style="list-style-type: none"> <li>✚ कबीर के व्यक्तित्व से परिचित होते हुए उनकी शिक्षा को अपने जीवन में आत्मसात करने का प्रयास कर पायेंगे।</li> </ul>

मई(15 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
हरिहर काका	<ul style="list-style-type: none"> <li>✚ वृत्तचित्र के माध्यम से दृष्टांत विधि ।</li> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> <li>✚ दृश्य-श्रव्य साधनों को प्रयोग</li> </ul>	<ul style="list-style-type: none"> <li>✚ समाज में बुजुर्गों के प्रति युवा वर्ग की जागरूकता व सम्मान की भावना पैदा करना।</li> <li>✚ दैनिक जीवन में मीडिया का महत्त्व।</li> <li>✚ धर्म से जुड़े अंधविश्वासों के प्रति जागरूकता।</li> </ul>
व्याकरण --- मुहावरे सूचना - लेखन	<ul style="list-style-type: none"> <li>✚ आगनात्मक विधि व प्रारूप के उदाहरण ।</li> </ul>	<ul style="list-style-type: none"> <li>✚ भाषा-कौशल के प्रयोग का विकास ।</li> </ul>

जुलाई(22 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
मीरा के पद	<ul style="list-style-type: none"> <li>✚ अनुकरण विधि</li> <li>✚ पी.पी.टी से व्याख्यान विधि ।</li> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> <li>✚ दृश्य-श्रव्य साधनों को प्रयोग</li> </ul>	<ul style="list-style-type: none"> <li>✚ भक्तिकाल में सामाजिक परिस्थितियों से परिचित हो पायेंगे।</li> <li>✚ मीरा के जीवन में कृष्ण के महत्त्व को समझ पायेंगे।</li> <li>✚ मीरा की दास्य-भाव भक्ति से परिचित हो पायेंगे।</li> <li>✚ सैनिकों की देश-भक्ति से परिचित हो पायेंगे।</li> </ul>
कर चले हम फ़िदा	<ul style="list-style-type: none"> <li>✚ अनुकरण विधि</li> <li>✚ पी.पी.टी से व्याख्यान विधि ।</li> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> <li>✚ दृश्य-श्रव्य साधनों को प्रयोग</li> </ul>	<ul style="list-style-type: none"> <li>✚ भविष्य में देश हित के लिए आगे बढ़ने के लिए प्रेरित हो पायेंगे।</li> </ul>
व्याकरण समास	✚ ऑडियो-वीडियो साधन	✚ शब्द भंडार में वृद्धि

	✚ अभ्यास- पत्र ।	।
अनुच्छेद- लेखन पत्र- लेखन	✚ सहायक बिंदुओं से अभ्यास ।	✚ लेखन कौशल क्षमता में संवर्धन।

### अगस्त(23 दिवस)

तंतारा-वामीरो आत्मत्राण	✚ प्रश्नोत्तरी विधि ✚ □ प्रवाह चित्र ✚ □ पी.पी.टी ✚ □ अभ्यास पत्र	✚ मानवीय संबंधों को ✚ स्थापित करने वाली ✚ रोचक प्रेम कथा से ✚ परिचित हो पायेंगे। ✚ □ प्रेम के अलौकिक ✚ स्वरूप को जान ✚ पायेंगे।
मनुष्यता	✚ व्याख्यान विधि ✚ □ प्रवाह चित्र ✚ □ पी.पी.टी ✚ □ अभ्यास पत्र	✚ मनुष्यता के ✚ वास्तविक भाव को ✚ आत्मसात करने में ✚ सक्षम हो पायेंगे। ✚ □ परोपकार की राह ✚ पर चल पायेंगे।
रचना के आधार पर वाक्य रूपांतरण	✚ अभ्यास पत्र	✚ लेखन- कौशल का विकास ।

### सितंबर(22 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
टोपी शुक्ला	✚ प्रश्नोत्तरी व	✚ छात्र जीवन में प्रेम जैसी सुंदर

तोप	<p>दृष्टांत विधि</p> <ul style="list-style-type: none"> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> <li>✚ अभ्यास पत्र</li> </ul> <p>प्रश्नोत्तरी व दृष्टांत विधि</p> <ul style="list-style-type: none"> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी</li> <li>✚ अभ्यास पत्र</li> </ul>	<p>भावना के लौकिक स्वरूप को समझ पायेंगे।</p> <ul style="list-style-type: none"> <li>✚ विविधता में एकता जैसे महत्वपूर्ण भाव को अपने जीवन में लाने का प्रयास करेंगे।</li> <li>✚ जीवन में राष्ट्रीय धरोहर के महत्व से परिचित हो पायेंगे।</li> <li>✚ स्वतंत्रता संग्राम में शहीद हुए सैनिकों की शाहदत को याद कर पायेंगे।</li> </ul>
पदबंध	✚ आगनात्मक विधि	✚ भाषा-कौशल के प्रयोग का विकास।

### अक्टूबर(19 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
पर्वत- प्रदेश में पावस	<ul style="list-style-type: none"> <li>✚ अनुकरण विधि</li> <li>✚ व्याख्यान विधि</li> <li>✚ पी.पी.टी.</li> <li>✚ प्रवाह चित्र</li> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ प्रकृति-सौन्दर्य को आत्मसात करने में सक्षम।</li> <li>✚ प्रकृति की सुंदरता को बचाय रखने के</li> </ul>

		लिए अन्य लोगों को जागरूक कर पायेंगे।
सपनों के से दिन	<ul style="list-style-type: none"> <li>✚ प्रश्नोत्तर विधि</li> <li>✚ दृष्टांत विधि</li> <li>✚ प्रवाह चित्र</li> <li>✚ पी.पी.टी.</li> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ हिन्दी की संस्मरण विधा से परिचित हो पायेंगे।</li> <li>✚ लेखक की तरह अपने जीवन से जुड़ी स्मृति को कलमबद्ध कर पायेंगे।</li> </ul>
पत्र लेखन (औपचारिक )	✚ प्रारूप समझाना व अभ्यास लेखन ।	✚ सरल और सटीक शब्दों के प्रयोग में सक्षम ।

### नवंबर(19 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
अब कहाँ दूसरों के दुख में दुखी होने वाले	<ul style="list-style-type: none"> <li>✚ दृष्टांत विधि</li> <li>✚ विश्लेषणात्मक विधि</li> <li>✚ पी.पी.टी.</li> <li>✚ प्रवाह चित्र</li> </ul>	✚ जीव-जंतुओं के प्रति संवेदना व पर्यावरण की सुरक्षा में सक्षम ।

	<ul style="list-style-type: none"> <li>✚ अभ्यास पत्र</li> </ul>	
<p>लघु कथा लेखन</p> <p>डायरी का पन्ना</p>	<ul style="list-style-type: none"> <li>✚ दृष्टांत विधि अभ्यास पत्र</li> <li>✚ व्याख्यान विधि</li> <li>✚ पी.पी.टी.</li> <li>✚ प्रवाह चित्र</li> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ रचनात्मक लेखन कौशल का विकास ।</li> <li>✚ स्वतंत्रता संग्राम में शहीद हुए सैनिकों की शाहदत को याद कर पायेंगे।</li> <li>✚ देश की स्वतंत्रता में महिलाओं के योगदान से परिचित हो पायेंगे।</li> <li>✚ देश के प्रति राष्ट्र प्रेम की भावना को विकसित कर पायेंगे।</li> </ul>

### दिसंबर(22 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
<p>झेन की देन \</p> <p>गिन्नी का सोना</p>	<ul style="list-style-type: none"> <li>✚ संश्लेषणात्मक विधि</li> <li>✚ व्याख्यान विधि</li> <li>✚ पी.पी.टी.</li> <li>✚ प्रवाह चित्र</li> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ जापान के लोगों की जीवन शैली से परिचित हो पायेंगे।</li> <li>✚ चाय बनाने की चा-नू-यू के पीछे जुड़े उद्देश्य को समझ पायेंगे।</li> <li>✚ आदर्शवाद और यर्थाथवाद के</li> </ul>



		अन्तर को समझ पायेंगे।
कारतूस	<ul style="list-style-type: none"> <li>✚ पी.पी.टी</li> <li>✚ प्रवाह चित्र</li> <li>✚ प्रश्नोत्तरी विधि</li> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ ऐतिहासिक घटनाओं में प्रति जिज्ञासु प्रवृत्ति।</li> <li>✚ वज़ीर अली जैसे सच्चे सिपाही/देशभक्त से प्रेरणा ले पायेंगे।</li> </ul>
विज्ञापन	<ul style="list-style-type: none"> <li>✚ प्रारूप समझाना अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ सरल और सटीक शब्दों के प्रयोग में सक्षम ।</li> </ul>

### जनवरी(17 दिवस)

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
पुनरावृत्ति कार्य हेतु -- गद्य/पद्य पाठों से वस्तुनिष्ठ प्रश्न ।	<ul style="list-style-type: none"> <li>✚ सी.बी. एस. ई. के प्रतिदर्श पत्रों से अभ्यास ।</li> </ul>	<ul style="list-style-type: none"> <li>✚ आत्मविश्वास में संवृद्धि ।</li> </ul>

### फरवरी

पाठ का नाम	शिक्षण युक्ति	अधिगम संप्राप्ति
पुनरावृत्ति - कार्य हेतु रचनात्मक लेखन	<ul style="list-style-type: none"> <li>✚ अभ्यास पत्र</li> </ul>	<ul style="list-style-type: none"> <li>✚ लेखन कौशल का विकास ।</li> </ul>

### ग्रीष्मावकाश - कार्य

✚ मैं कौन हूँ?(स्लेम बुक)

✚ मूल्यांकन हेतु छात्र निम्न विषयों पर कार्य पत्रिका में कार्य करेंगे।

- ✚ विभिन्न विषयों पर आकर्षक विज्ञापन ( सार्वजनिक/निजी/सरकारी ) प्रत्येक से दो ।
- ✚ लघु कथा लेखन(संकेत बिन्दुओं,स्थिति और सीख पर आधारित ) तीन लिखें ।
- ✚ यादों का इंडियट बॉक्स
- ✚ पेड़ की आत्मकथा
- ✚ मुस्कराहटों के प्रकार
- ✚ मुखौटा निर्माण
- ✚ दादी/दादा की कहानी उनकी जुबानी
- ✚ लेखन कार्य- विभिन्न औपचारिक पत्रों के प्रारूप

विषय निर्देश:--

❖ लेखन कार्य स्वच्छ व आकर्षक हो

शरदावकाश कार्य(परियोजना कार्य)

- ✚ सी बी एस ई द्वारा निर्देशित
- ✚ अपने जीवन में किये गए परोपकार में से किसी एक की व्याख्या।

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**MATHEMATICS (041/241)**

**APRIL (18 Days)**

Topic/sub Topic	Teaching aids/ Methodology	Expected Learning outcomes/ Skills developed
<p>1.Real Number</p> <ul style="list-style-type: none"> <li>•Fundamental Theorem of Arithmetic</li> <li>•Revisiting Irrational Numbers</li> </ul> <p>2.Polynomials</p> <ul style="list-style-type: none"> <li>• Standard form,meaning of zero of polynomial and finding zero of polynomial.</li> <li>• Relationship between zeroes and coefficients of a polynomial .</li> </ul>	<p>Audio visual aids</p> <p>Indo-deductive method</p> <p>Worksheet -1 to be given</p> <p>Audio visual aids/whiteboard.fi</p> <p>Worksheet -2 to be given</p> <p>Lab activity 1: To Draw the Graph of a Quadratic Polynomial and observe:  i. The shape of the curve when the coefficient of <math>x^2</math> is positive  ii. The shape of the curve when the coefficient of <math>x^2</math> is negative  iii. Its number of zero</p> <p>Audio visual aids/whiteboard.fi</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• develop mental ability, reasoning power and logic in the field of real no'.s.</li> </ul> <p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• Identify and understand different types of polynomials</li> <li>• To Solve problems based on the relation between zeroes and the coefficient of the polynomial</li> </ul>
<p>3.Pair of Linear equations in two variables</p> <ul style="list-style-type: none"> <li>• Graphical method of solution .</li> </ul>	<p><b>MAY (15 DAYS)</b></p> <p>Hands on activity on graphs</p> <p>Worksheet -3 to be</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• To identify and to understand the general form of a pair of linear equations in two variables and apply the knowledge in solving</li> </ul>

<ul style="list-style-type: none"> <li>Consistency of pair of linear equations .</li> <li>Algebraic methods of solution <ul style="list-style-type: none"> <li>a. Substitution method</li> <li>b. Elimination method</li> </ul> </li> </ul>	<p>given</p> <p>Lab activity 2: To obtain the condition for consistency of system of linear Equations in two variables</p>	<p>real life problems.</p> <ul style="list-style-type: none"> <li>Logical Thinking, Problem Solving ,analytical skills developed</li> </ul>
<p>4.Quadratic Equations</p> <ul style="list-style-type: none"> <li>Standard form of quadratic equation .</li> <li>Solution quadratic equation by factorization</li> <li>Nature of roots</li> </ul>	<p>Audio visual aids/whiteboard.fi</p> <p>Indo deductive method Worksheet -4 to be given</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>Recall quadratic equations and convert real life word problems into a quadratic equations</li> </ul>

### JULY – (22 DAYS)

<p><b>5.Arithmetic progression</b></p> <ul style="list-style-type: none"> <li>General form of an A.P.</li> <li>nth term of an A.P.</li> <li>Sum of first n terms of an A.P.</li> </ul> <p><b>6. Co-ordinate geometry</b></p> <ul style="list-style-type: none"> <li>Distance formula</li> <li>Section formula</li> <li>Midpoint formula.</li> </ul>	<p><b>Audio visual aids/whiteboard.fi</b></p> <p><b>Worksheet -5</b>to be given</p> <p><b>Lab activity 3:</b> To verify that given sequence is an A.P (Arithmetic Progression) by the paper Cutting and Paper Folding.</p> <p><b>Audio visual aids</b></p> <p><b>Geogebra activity</b> Learning by doing method/ using graphs</p> <p><b>Worksheet -6</b>to be given</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>To understand the concept of an Arithmetic progression.</li> <li>To find the sum of n terms of an A.P and To form an A.P. from a given situational problem and solve.</li> </ul> <p>The students will be able to:</p> <ul style="list-style-type: none"> <li>Reinforce the understanding of plotting of points on co-ordinate plane.</li> <li>Understand and apply the concepts taught.</li> </ul>
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## AUGUST (23 days)

	Teaching aids/ Methodology	Expected Learning outcomes/ Skills developed
<p><b>7. Triangles</b></p> <ul style="list-style-type: none"> <li>Similar figures, Basic proportionality theorem</li> <li>Similarity of Triangles, Criteria for similarity.</li> </ul> <p><b>8. Introduction to Trigonometry</b></p> <ul style="list-style-type: none"> <li>Trigonometric Ratios</li> <li>Trigonometric ratios of some specific angle</li> <li>Trigonometric Identities</li> </ul> <p><b>9. Application of trigonometry</b></p> <ul style="list-style-type: none"> <li>Angle of elevation, angle of depression, line of sight</li> </ul>	<p><b>Audio visual aids/whiteboard.fi Geogebra activity</b> Hands on activity on graphs <b>Worksheet -7</b> to be given <b>Lab activity 4:</b> To verify Basic proportionality theorem using parallel line board.</p> <p><b>Audio visual aids/whiteboard.fi</b></p> <p>Smart board <b>Worksheet -8</b> to be given</p> <p><b>Audio visual aids</b></p> <p><b>Worksheet -9</b> to be given <b>Lab activity 5:</b></p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>Understand and learn the concept of similarity.</li> <li>Logical Thinking, Problem Solving, analytical skills developed.</li> </ul> <p>The students will be able to:</p> <ul style="list-style-type: none"> <li>To know and to identify the relationship between different trigonometric ratios.</li> <li>To develop mental ability, reasoning power and logic in the field of <ul style="list-style-type: none"> <li>Trigonometry.</li> </ul> </li> <li>To apply knowledge of trigonometry in real life situations.</li> </ul>

	<p>a) To make mathematical instrument clinometer for measuring the angle of elevation/depression of an object</p> <p>(b) To calculate the height Of an object.</p>	
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**SEPTEMBER (10 days)**

<p><b>10. Statistics</b></p> <ul style="list-style-type: none"> <li>● Mean of grouped data</li> <li>● Mode of grouped data</li> <li>● Median of grouped data</li> </ul> <p><b>REVISION FOR MIDTERM</b></p>	<p>Smart board Learning by doing method to be used <b>Worksheet -10</b> to be given</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>● Calculate mean ,median ,mode of grouped data</li> </ul>
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<b>OCTOBER- (19 DAYS)</b>		
<p><b>11. Probability</b></p> <ul style="list-style-type: none"> <li>● Basic probability</li> <li>● Experimental approach</li> </ul> <p>Probability of an event</p> <p><b>12.Circles</b></p> <ul style="list-style-type: none"> <li>● Tangents to a circle</li> <li>● Number of tangents from a point to a circle</li> </ul> <p><b>13.Area related to circles</b></p> <ul style="list-style-type: none"> <li>● Length of arc</li> <li>● Area of sector</li> <li>● Area of segment</li> </ul>	<p><b>Audio visual aids</b> Learning by doing method <b>Worksheet -11</b> to be given</p> <p><b>Smart board</b> <b>Worksheet -12</b> to be given <b>Geogebra activity</b></p> <p><b>Lab activity 6:</b> To verify that lengths of Tangents Drawn from an External Point, to a circle are equal by using method of paper cutting, paper folding and pasting.</p> <p><b>Audio visual aids</b> <b>Geogebra activity</b></p> <p><b>Worksheet -13</b>to be given</p>	<p>To acquaint the students with the Empirical formula of Probability to find probability of events in different situations</p> <p>The students will be able to: Develop mental ability ,reasoning skill ,computational skill</p> <p>The students will be able to: Understand and apply knowledge of tangents to solve different problems</p> <p>The students will be able to:</p> <p>Recall the concept of circumference and area of a circle To learn to find area of a ring, area of minor and major sector,area of minor and major segment, length of an arc</p> <ul style="list-style-type: none"> <li>● Identify ,understand and apply the knowledge to solve problems related to area of circles</li> </ul>

## NOVEMBER (19 DAYS)

<p><b>14.Surface area and volume</b></p> <ul style="list-style-type: none"><li>• Surface area of 3D shapes</li></ul> <p>S.A and Volume of combination of solids</p>	<p><b>Audio visual aids</b> <b>Geogebra activity</b></p> <p>Learning by doing method</p> <p><b>Worksheet -14</b> to be given</p> <p><b>Lab activity -7</b> To find the surface area of cone</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"><li>• Be familiar with the term combination of solids.</li></ul> <p>To find the Surface area of a combinations of Solids(cube, cuboid, cylinder, cone, sphere, hemisphere etc.)</p> <p>To find the volume of a combinations of Solids</p> <p>Logical Thinking, Problem Solving, analytical skills developed.</p>
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**DECEMBER (22 DAYS)** – Revision for annual examination.

**JANUARY (17 DAYS)** – Revision for annual examination.

**SUMMER HOLIDAY HOMEWORK** – 1. Practice assignments on syllabus completed.  
2. art integration project on any one topic of syllabus.



Unit wise distribution of marks :

Unit No	Unit Name	Marks
1	Number Systems	06
2	Algebra	20
3	Coordinate Geometry	06
4	Geometry	15
5	Trigonometry	12
6	Mensuration	10
7	Statistics & Probability	11
<b>Total</b>	80 marks	

**Internal Assessment will be conducted as per the following marks distribution:**

<b>Internal Assessment</b>	<b>20 Marks</b>
Pen Paper Test and Multiple Assessment (5+5)	10 Marks
Portfolio	05 Marks
Lab Practical (Lab activities to be done from the prescribed books)	05 Marks

**CURRICULUM PLAN  
CLASS 10 (2023-2024)  
SCIENCE**

**Learning Objectives-**

Students will be able to:

1. Understand the phenomenon of reflection and refraction.
2. Understand and differentiate between the terminology of spherical mirrors and lenses.
3. Draw ray diagrams for mirrors and lenses.
4. Learn and understand the sign conventions for spherical mirrors and lenses.
5. Appreciate the phenomenon of dispersion and its cause.
6. Understand the occurrence and formation of rainbow phenomena.
7. Comprehend the reason for twinkling of stars and advanced sunrise and delayed sunset.
8. Understand the scattering phenomena – tyndall effect, blue color of sky, red color of sun at sunrise and sunset.
9. Understand the concept of charge and electric current.
10. Identify and list different types of electrical components.
11. Understand the concept of series and parallel combination of resistances.
12. Identify the arrangements - series and parallel.
13. Understand the heating effect of current and their applications.
14. Solve the numerical based on power and energy.
15. Convert the units of electrical energy.
16. Develop numerical solving skills.
17. Understand the properties of magnetic field lines.
18. Understand the reason for the force on a current carrying conductor in a magnetic field.
19. Learn Fleming’s left and Fleming’s right hand rules.
20. Understand and appreciate the working of electric motors.
21. Recognize the phenomenon of electromagnetic induction.

**APRIL(18 DAYS)**

Chapters	Methodology	Learning Outcomes
Chapter 10  Light – Reflection and Refraction	<ul style="list-style-type: none"> <li>• Reflection of light</li> <li>• Laws of reflection</li> <li>• Spherical mirrors</li> <li>• Important terms related to spherical mirrors</li> <li>• Rules for image formation by concave mirror and convex mirror</li> <li>• Image formation by concave mirror</li> <li>• Image formation by convex mirror</li> <li>• Uses of mirrors</li> <li>• Sign conventions for reflection by spherical mirrors</li> <li>• Mirror Formula</li> <li>• Linear Magnification</li> </ul>	<p><b>LEARNING OUTCOMES</b> The learners would be able to:</p> <ul style="list-style-type: none"> <li>• Understand the concept of mirror and types of mirror.</li> <li>• Draw ray diagrams for image formation for different positions of the object in front of the mirror.</li> <li>• Solve the numerical based on lens formula</li> <li>• Understand the concept of lens and types of lens</li> </ul>

<p>Chemical Reactions and Equations</p> <p><b>Chapter 6: Life Processes</b></p> <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Respiration</li> <li>• Transportation</li> <li>• Excretion</li> </ul>	<ul style="list-style-type: none"> <li>• Numerical based on mirror formula</li> <li>• Refraction of light</li> <li>• Cause of refraction</li> <li>• Refraction through glass slab</li> <li>• Laws of refraction</li> <li>• Refractive Index</li> <li>• Relation between refractive index and speed</li> <li>• Numerical based on refractive index</li> </ul> <ul style="list-style-type: none"> <li>• Writing of chemical formula</li> <li>• Writing of chemical equations</li> <li>• Balancing a chemical equation</li> <li>• Types of reactions</li> <li>• Combination</li> <li>• Decomposition</li> <li>• Displacement</li> <li>• Double displacement</li> <li>• Oxidation and reduction</li> <li>• Worksheets</li> </ul> <p>Students will be working individually in pairs/in groups and will be encouraged to:</p> <ul style="list-style-type: none"> <li>• Make web charts and flowcharts as per the requirement of the topic.</li> </ul>	<p>The student will be able to:</p> <ul style="list-style-type: none"> <li>• Acquire knowledge about law of conservation of mass</li> <li>• Understand and differentiate different types of reactions</li> <li>• Develop skill of writing formulae, equations and balancing them</li> </ul> <ul style="list-style-type: none"> <li>• Development of analytical and creative skills</li> <li>• Drawing skills</li> <li>• Observational skills – hands on</li> </ul>
<p><b>MAY (15 DAYS)</b></p>		
<p><b>Light – Reflection and Refraction</b> Cont.....</p>	<ul style="list-style-type: none"> <li>• Lenses and types of lenses</li> <li>• Rules of refraction lenses.</li> <li>• Image formation by convex lens</li> <li>• Image formation by concave lens</li> <li>• Sign convention in lenses.</li> <li>• Lens Formula</li> <li>• Numerical based on lens formula</li> </ul>	<ul style="list-style-type: none"> <li>• Draw ray diagrams for image formation for different positions of the object in lenses.</li> <li>• Solve the numerical based on lens formula</li> </ul>

	<ul style="list-style-type: none"> <li>• Uses of lenses</li> <li>• Power of a lens</li> </ul>	
<p>Acids,bases and salts</p>	<ul style="list-style-type: none"> <li>• Understanding the chemical properties of acids and bases</li> <li>• Reaction of acids and bases with metals</li> <li>• Reaction of metal carbonates and metal bicarbonates with acids</li> <li>• Reaction of acid and base-neutralization reaction</li> </ul> <p>Activity:</p> <p>To study the reaction of Zn with Hcl and NaoH</p> <p>To study the properties of acids and bases</p>	<p>The student will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate between acids and bases</li> <li>• Know about natural and synthetic indicators</li> <li>• Write equations of reactions of acids and bases</li> </ul> <p>The students are able to differentiate between acids and bases on the basis of their reaction towards</p> <ol style="list-style-type: none"> <li>a. Litmus</li> <li>b. Sodium bicarbonate</li> </ol>
<p><b>Chapter 6:</b> Life Processes cont...</p> <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Excretion</li> </ul>	<ul style="list-style-type: none"> <li>• Draw well labeled diagrams of human digestive system, respiration</li> </ul> <p><u>Lab Activity</u></p> <p>To Prepare a temporary mount of leaf peel to observe stomata.</p>	
<b>July(22 days)</b>		
<p><b>Chapter 11 :Human Eye and The Colorful World</b></p>	<ul style="list-style-type: none"> <li>• Structure of Human eye</li> <li>• Defects of Vision</li> <li>• Refraction Through a prism</li> <li>• Dispersion Of White light by a glass prism</li> <li>• Cause Of Dispersion</li> <li>• Rainbow Formation</li> <li>• Atmospheric Refraction</li> <li>• Twinkling of stars</li> <li>• Advanced sunrise and delayed sunset</li> <li>• Scattering of light</li> <li>• Tyndal effect</li> </ul>	<p>The learners would be able to:</p> <ul style="list-style-type: none"> <li>• Explain the cause of dispersion</li> <li>• Explain formation of rainbow</li> <li>• list the applications of atmospheric refraction</li> <li>• understand scattering of light and its applications</li> </ul>

	Metals and Non metals	<ul style="list-style-type: none"> <li>• Blue color of sky</li> <li>• Colour of sun at sunrise and sunset</li> <li>• Discussion of NCERT exercise</li>   <li>• Properties of metals and non metals</li> <li>• Reactivity series</li> <li>• Formation and properties of ionic compounds</li> <li>• Basic metallurgical processes ,corrosion and its prevention</li> </ul>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate metals and non metals on the basis of their physical properties</li> <li>• Write equations of reactions of metals and non metals with <ul style="list-style-type: none"> <li>a. Air</li> <li>b. Water</li> <li>c. Acids</li> </ul> </li> <li>• Apply knowledge of reactivity series to judge the occurrence of displacement reaction</li> <li>• Write the electron dot structure of metals and non metals</li> <li>• Electron transfer to form ionic compounds</li> <li>• Know different properties of ionic compounds.</li> </ul>
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<p><b>Lesson 7: Controls and Coordination</b></p> <ul style="list-style-type: none"> <li>• Synapse</li> <li>• Brain-structure and function</li> <li>• Chemical Coordination</li> </ul>	<ul style="list-style-type: none"> <li>• Draw a diagram/flowchart of reflex arc indicating the components and their functions.</li> <li>• Construct a web chart on functions and parts of human brain</li> <li>• Tabulate Endocrine glands/hormones secreted/functions</li> </ul> <p><u>Lab Activity:</u> To show that CO<sub>2</sub> evolves during respiration.</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• Relate to daily life experiences based on various reflexes.</li> <li>• Understand and appreciate the working</li> <li>• Develop and understanding of process of respiration</li> </ul>
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**AUGUST (23 DAYS)**

<p><b>Chapter 12 : Electricity</b></p>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Charge</li> <li>• Electric current and circuit</li> <li>• Electric potential and Potential Difference</li> <li>• Numerical</li> <li>• Circuit diagram-Components of circuit and their symbols</li> <li>• Ohm's Law</li> <li>• Circuit Diagram</li> <li>• Verification Graphical Representation</li> <li>• Resistance</li> <li>• Factors on which resistance depends</li> <li>• Series Combination of resistances</li> <li>• Parallel Combination of resistances</li> <li>• Numerical based on combination of resistances</li> <li>• Heating effect of electric current</li> <li>• Practical applications of heating effect</li> <li>• Electric power</li> <li>• Commercial unit</li> <li>• Numerical</li> <li>• Discussion of NCERT exercise</li> </ul> <p>Activity:</p> <ul style="list-style-type: none"> <li>• Reactions of metals with metal salts</li> </ul>	<p>The learners would be able to:</p> <ul style="list-style-type: none"> <li>• Understand and evaluate the numerical value of current, resistance and potential.</li> <li>• Draw graphical representation of ohm's law</li> <li>• Understand and evaluate the equivalent resistance in different combinations</li> <li>• Understand and evaluate the numerical value of different quantities like heat energy, power and electrical energy.</li> </ul> <p>The students are able to correlate displacement reactions with reactivity series</p>
<p>Metals and Non metals</p> <p><b>Cont....</b></p>		

<p><b>Chapter 8:</b> How do organisms reproduce</p>	<ul style="list-style-type: none"> <li>• Displacement reactions</li> <li>• Concept maps</li>   <li>• Demonstration of Hibiscus (bisexual flower) to show different parts.</li> <li>• Web chart on reproductive health</li> </ul> <p><u>Lab Demonstration</u> Slide Observations</p>	<p>Understand structure and functioning of the reproductive system.</p> <p>Predict post fertilization events in flowering plants.</p> <p>Develop interpretational skill</p>
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**September(22 days)**

HALF YEARLY EXAMS: Revision of chapters

**October (19 days)**

<p><b>Chapter 13 :</b> <b>Magnetic Effects of Electric Current</b></p>	<ul style="list-style-type: none"> <li>• Oersted Experiment</li> <li>• Magnetic Field</li> <li>• Fieldlines</li> <li>• Properties of field lines</li> <li>• Magnetic field due to current carrying straight conductor</li> <li>• Right hand thumb rule</li> <li>• Reasoning questions</li> <li>• Magnetic field pattern due to circular coil</li> <li>• Magnetic field pattern due to a solenoid</li> <li>• Electromagnet</li> <li>• Factors on which strength of an electromagnet depends</li> <li>• Force on a current carrying conductor in a magnetic field</li> <li>• Fleming 's left hand rule</li> <li>• Reasoning questions</li> <li>• Electromagnetic induction</li> <li>• Fleming's right hand rule</li>   <li>• Domestic electric circuits</li> <li>• Discussion of NCERT exercise</li> </ul>	<p>The learners would be able to</p> <ul style="list-style-type: none"> <li>• use right hand thumb rule to obtain the direction of magnetic field</li> <li>• draw magnetic field pattern due to circular coil and solenoid</li> <li>• apply Fleming left hand and right hand rule to obtain direction of force and direction of current respectively</li> </ul>
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<p><b>Carbon and its compounds</b></p>	<ul style="list-style-type: none"> <li>● Covalent bonding in carbon compounds</li> <li>● Explanation with examples</li> <li>● Versatile nature of carbon</li> <li>● Concept of tetravalency</li> <li>● Catenation, hydrocarbons</li> <li>● Homologous series</li> <li>● Explanation with examples</li> <li>● Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and ethanoic acid (only properties and uses), soaps and detergents</li> </ul>	<p>The students will be able to:</p> <ul style="list-style-type: none"> <li>● Define terms like covalency, tetravalency, allotropic, catenation and homologous series</li> <li>● Understand the reason for versatile nature of carbon</li> <li>● Draw electron dot structures of covalent compounds</li> <li>● Apply the concept of covalency to show bonding in carbon compounds</li> </ul>
<p><b>Chapter 16:</b> Management of Natural Resources</p>	<ul style="list-style-type: none"> <li>● Explanation of importance of natural resources</li> <li>● Overexploitation of resources and its far reaching effects</li> <li>● People's participation</li> <li>● Examples of initiatives taken by individuals to protect the environment.</li> </ul> <p><u>Lab Activity</u> Study of dicot and monocot seeds</p>	<ul style="list-style-type: none"> <li>● Develop Reflective skills.</li> <li>● Develop compassion towards nature and its resources.</li> <li>● Develop analytical skills to use the resources in a judicious manner.</li> </ul> <ul style="list-style-type: none"> <li>● Understand the structure of seeds.</li> <li>● Develop interpretational skills</li> </ul>

**November (19 days)**

<p><b>Chapter 14 :</b> <b>Sources of Energy</b></p>	<ul style="list-style-type: none"> <li>● Good fuel</li> <li>● Conventional sources of energy</li> <li>● Fossil fuel</li> <li>● Non-conventional sources of energy</li> <li>● Geothermal energy</li> <li>● Hydropower plant</li> <li>● Nuclear energy</li> <li>● Wind energy</li> </ul>	
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<ul style="list-style-type: none"> <li>of traits</li> <li>Sex Determination</li> <li>Evolution</li> <li>Speciation</li> <li>Evolutionary relationship</li> <li>Fossils</li> </ul>		<ul style="list-style-type: none"> <li>express the mechanism of sex determination in humans</li> <li>Differentiate between acquired and inherited traits</li> <li>Discuss theory of Darwinism</li> <li>Differentiate between homologous organs and analogous organs</li> <li>Relate speciation and evolution</li> <li>Enumerate human evolution</li> </ul>
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**December(22 days)**  
REVISION FOR PRE BOARDS AND PREBOARD - I EXAMINATION

**January (17 days)**  
RECAPITULATION AND REINFORCEMENT FOR PRE BOARD - II

**February**  
Solving previous year papers and Exemplar.

**SUMMER HOLIDAY HOMEWORK**

PHYSICS	CHEMISTRY	BIOLOGY
<ul style="list-style-type: none"> <li>Conduct a survey of your friends / relatives / neighbors using specs and find defects of vision they are suffering from. Write it in a tabular form with headings : Name, power, type of defect, types of lens (at least 10 people)</li> <li>Solve the worksheets of chapter 10 Light – reflection and refraction, chapter 11 The human eye and the colorful world</li> </ul> <p>*Do all the above work (1,2,3) on A4 size sheets and file them in your portfolio</p>	<ul style="list-style-type: none"> <li>Project report on alloys/salts/scientists who contributed in periodic classification of elements</li> <li>PPT</li> <li>Question Bank</li> </ul>	<ul style="list-style-type: none"> <li>Design a crossword puzzle based on chapter 6: Life processes.</li> <li>Make a diagram of different types of organs and organ systems/any one type of organ system on the basis of their location using art integration technique( A4 sheets, for portfolio) wool, clay modeling or any other method.</li> </ul> <p>Design 10 MCQs based on the chapter – Life Processes.</p> <ul style="list-style-type: none"> <li>Create Science toons on current topics of your choice.</li> </ul>

## WINTER HOLIDAY HOMEWORK

<ul style="list-style-type: none"><li>• Prepare for your PREBOA RDS</li><li>• Solve the miscellaneous worksheet of 1, 2 and 3 marker Questions.</li></ul>	<ul style="list-style-type: none"><li>• Write all practicals in your practical files</li><li>• Revise for pre boards</li><li>• Question bank from CBSE</li></ul>	<ul style="list-style-type: none"><li>• Revise all chapters for annual examination</li><li>• Solve worksheets</li></ul>
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**CURRICULUM PLAN**  
**CLASS 10 (2022-2023)**  
**SOCIAL SCIENCE**

**Learning Objectives:-**

The main objectives of this syllabus are to:

- Develop an understanding of the processes of change and development-both in terms of time and space, through which human societies have evolved
- Make learners realise that the process of change is continuous and any event or phenomenon or issue cannot be viewed in isolation but in a wider context of time and space
- Develop an understanding of contemporary India with its historical perspective, of the basic framework of the goals and policies of national development in independent India, and of the process of change with appropriate connections to world development
- Deepen knowledge about and understanding of India's freedom struggle and of the values and ideals that it represented, and to develop an appreciation of the contributions made by people of all sections and regions of the country
- Help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society
- Deepen the knowledge and understanding of India's environment in its totality, their interactive processes and effects on the future quality of people's lives

**APRIL[21 DAYS]**

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
Resources and development	Entire chapter will be read in the class.	<b>AFTER THE COMPLETION OF THESE CHAPTERS STUDENTS WILL BE ABLE TO</b> Understand the value of resources and the need for their judicious utilization and conservation.
Power sharing	1/3/5 marker questions will be marked and discussed.  Data will be modified as per latest census. <b>ACTIVITY:</b> Cartoon interpretation	
Federalism	Example will be shared from real life.  NCERT exercise will be discussed.	

Familiarize with the centrality of power sharing in a democracy. Understand the working of spatial and social power sharing mechanisms.

Analyse federal provisions and institutions.  
Explain decentralization in rural and urban areas.

Development	<p>PPT will be shared.</p> <p>Special emphasis given to MCQ questions.  <b>ACTIVITY:</b>  Cartoon interpretation</p> <p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p><b>Data will be modified as per latest census.</b></p> <p><b>Activity:</b>  Debate on sustainable Development</p>	<p>Familiarize with concepts of macroeconomics. Understand the rationale for overall human development in our country, which includes the rise of income, improvements in health and education rather than income.</p> <p>Understand the importance of quality of life and sustainable development</p>
<b>MAY[15 DAYS]</b>		
The Age of Industrialization	<p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as per latest census.</p> <p>Example will be shared from real life.</p> <p>NCERT exercise will be discussed.</p> <p>PPT will be shared.</p> <p>Special emphasis given to MCQ questions.</p>	<p>After the completion of both the chapters students will be able to :</p> <p>Familiarize with the Pro- to Industrial phase and Early –</p> <ul style="list-style-type: none"> <li>• Factory system. Familiarize with the process of industrialization and its impact on labour class. Enable them to understand</li> <li>• Industrialization in the colonies with reference to Textile industries.</li> </ul> <ol style="list-style-type: none"> <li>1) Identify the causes that led to the rise of <b>nationalism in India.</b></li> <li>2) Trace the emergence of <b>Indian</b> national congress.</li> <li>3) Discuss the various stages of the <b>national movement in India.</b></li> <li>4) List the names of prominent leaders of <b>Indian National Movement.</b></li> </ol>

**JULY [24 DAYS]**

<p>Sectors of the Indian economy</p>	<p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p><b>Activity:</b> Tabular representation showing the contribution of all three sectors</p>	<p>After the completion of the chapters students will appreciate:</p> <p>Rising importance of tertiary sector Importance of public sector</p>
<p>Agriculture</p>	<p>Data will be modified as per latest census.</p> <p>Example will be shared from real life.</p> <p>NCERT exercise will be discussed.</p> <p>PPT will be shared.</p> <p>Special emphasis given to MCQ questions. Activity : Map skill as per CBSE</p> <p><b>Activity:</b> Cheque filling activity</p>	<p>Explain the importance of agriculture in national economy. Identify various types of farming and discuss the various farming methods; describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping pattern. Explain various government policies for institutional as well as technological reforms since independence.</p> <p>Importance of credit and different credit situations</p> <p>understand Indian society which accommodate social diversity</p> <p>Analyse the relationship between social cleavages and political competition with reference to Indian situation.</p>
<p>Money and credit</p>	<p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as</p>	



<p>Water Resources:</p> <p>Forest and Wildlife [Note: The chapter 'Forest and Wildlife' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination]</p>	<p>Activity: Map skill as per CBSE</p> <p>Discussion will be done on the importance of forest and wildlife Activity: Discussion on the impact of global warming on Our Earth</p>	
<p><b>REVISION</b> <b>Pre mid term</b></p>		
<p>Globalisation</p> <p>Minerals and Energy Resources</p> <p>Manufacturing industries</p>	<p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as per latest census. <b>Activity:</b> Framing rules for fair globalisation</p> <p>Example will be shared from real life.</p> <p>NCERT exercise will be discussed.</p> <p>PPT will be shared.</p> <p>Special emphasis given to MCQ questions. <b>Activity:</b> Map skill</p> <p>Entire chapter will be read in the class.</p>	<p>Students will realise</p> <p>Explain the working of the Global Economic phenomenon. About the importance of globalisation Concept of SEZ</p> <p>Identify different types of minerals and energy resources and places of their availability. Feel the need for their judicious utilization.</p> <p>Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas. Discuss the need for a planned industrial development and debate over the role of government towards sustainable development.</p> <p>Evaluate the functioning of democracies in comparison to alternative forms of governments. Understand the causes for continuation of democracy in India.</p>



<p>Outcomes of democracy</p>	<p>1/3/5 marker questions will be marked and discussed</p> <p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as per latest census.</p> <p>pictures will be shared from real life .</p> <p>NCERT exercise will be discussed.</p>	<p>Distinguish between sources of strengths and weaknesses of Indian democracy.</p>
<p><b>NOVEMBER[24 DAYS]</b></p>		
<p>Nationalism in Europe</p>	<p>Entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as per latest census.</p> <p>Example will be shared from real life.</p> <p>NCERT exercise will be discussed.</p> <p>Activity:Discussion - Does extreme nationalism lead to disintegration of the world</p>	<p>After the completion of the chapter students will be able to appreciate: How nationalism spread from France to various parts of the Europe. Unification of Germany and Italy. Role of different leaders and their mode of operation.</p> <p>Growing importance of transport and communication. Its different types and merits and demerits. Role of international trade and tourism as well.</p> <p>Reflect on the different kinds of measures possible to deepen democracy. Promote an active and participatory citizenship.</p>
<p>Lifelines of national economy</p>	<p>PPT will be shared. Activity:Map skill</p>	

Challenges to democracy	<p>Special emphasis given to MCQ questions. Activity : Map skill</p> <p>entire chapter will be read in the class.</p> <p>1/3/5 marker questions will be marked and discussed.</p> <p>Data will be modified as per latest census.</p>	
<b>DECEMBER[25DAYS]</b>		
<p>Revision</p> <p>Preparation for pre board</p> <p>Sample board questions</p> <p>Mock class test</p>	Special emphasis given to MCQ questions.	
Second pre board	revision	

Summer Holiday Homework

Project on consumer awareness or as per CBSE

Every student has to compulsorily undertake any one project on the following topics:

**Consumer Awareness**

**OR**

**Social Issues**

**OR**

**Sustainable Development**

1. Objective: The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students. Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report. If required, students may go out for collecting data and use different primary and secondary resources to prepare the project.
2. If possible, various forms of art may be integrated in the project work.
3. The distribution of marks over different aspects relating to Project Work is as follows:

4. The projects carried out by the students in different topics should subsequently be shared among themselves through interactive sessions such as exhibitions, panel discussions, etc
5. All documents pertaining to assessment under this activity should be meticulously maintained by concerned schools.
6. A Summary Report should be prepared highlighting: objectives realized through individual work and group interactions
7. It is to be noted here by all the teachers and students that the projects and models prepared should be made from eco-friendly products without incurring too much expenditure.
8. The Project Report should be handwritten by the students themselves.
9. Records pertaining to projects (internal assessment) of the students will be maintained for a period of three months from the date of declaration of result for verification at the discretion of Board. Subjudiced cases, if any or those involving RTI / Grievances may however be retained beyond three months

Winter Holiday Homework

revision

[Will be done in project copy]

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**FRENCH**

The Objectives of teaching French in Class X is to develop the language skills of the students. It is an analytical language that structures thoughts and develops critical thinking which is a valuable skill for discussions and negotiations.

**April (18 days)**

Unit	Methodology	Learning Outcomes
Retrouvons Nos Amis (Chapter -1 )	Interactive, Group Discussion	Se Presenter/Ecrire Des Letters/Decrire Un Lieu

**May (15 days)**

Apres Le Bac (Chapter-2)	Interactive, Group Discussion	Demander Un Avis Demander/Donner Un Renseignement Discussion Le Futur Antérieur La Forme Nominale
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**July (22 Days)**

Chercher Du Travail (Chapter-3)	Interactive, Group Discussion	Les Pronoms Relatives Simples Ou Composes
Le Plaisir De Lire(Chapter-4)	Interactive, Group Discussion	Le Plus Que Parfait

**August (23 Days)**

En Pleine Forme (Chapter -7)	Interactive, Group Discussion	En Pleine Forme Le Pronom Possessifs Parler De La Bonne Forme Physique, Discuter De Bonnes Habitudes De Vie
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**September (10 Days)**

Revision
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**October (19 Days)**

L'Environnement (Chapter -8 )	Interactive, Group Discussion	Le Subjonctif, Parler De L'Environnement, Sauver La Planete.
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November , December and January: Revision

**Summer holiday homework -**

Make a ppt on education system of France and India.

**Winter holiday homework –**

Make a PPT on < how to save our planet> and environment protection

**CURRICULUM PLAN  
CLASS 10 (2023-2024)  
GERMAN**

**April (18 days)**

Chapter Name	Methodology	Learning Outcomes	Structure
LESSON – 6 FOOD	Interactive, Group Discussion	The students will be able <ul style="list-style-type: none"> <li>●To present a topic</li> <li>●To state advantages and disadvantages</li> </ul>	<ul style="list-style-type: none"> <li>●Adjectives in Nominative and Accusative case without article</li> <li>●Akkusativ and Dativ Prepositions</li> </ul>

**May (15 days)**

Unit	Methodology	Learning Outcomes	Structure
LESSON – 6 FOOD	Interactive, Group Discussion	The students will be able <ul style="list-style-type: none"> <li>●To conclude a presentation</li> </ul>	<ul style="list-style-type: none"> <li>●Wechseln</li> <li>●Fixed Preposition</li> </ul>

**July (22 Days)**

Unit	Methodology	Learning Outcomes	Structure
Lesson – 6 FOOD	Interactive, Group Discussion	<ul style="list-style-type: none"> <li>●To thank the audience for their interest</li> </ul>	<ul style="list-style-type: none"> <li>●E-mail writing</li> <li>●Plusquamperfekt</li> <li>●Dialogue writing</li> <li>●Konnektoren</li> </ul>

**August (23 Days)**

<p align="center">Lesson – 7 Media and Advertisements</p>	<p>Interactive, Group Discussion</p>	<p>The students will be able</p> <ul style="list-style-type: none"> <li>● To report about something</li> <li>● To ask for directions and describe the route</li> <li>● To write a slogan for an advertisement</li> </ul>	<ul style="list-style-type: none"> <li>● Simple past tense</li> <li>● Prepositions of place</li> <li>● “um”, “über”+ Accusative</li> <li>● “gegenüber”+ Dative</li> <li>● Relative clause: Relative pronouns with prepositions</li> <li>● Degrees of adjectives: comparative and superlative</li> <li>● Indirect question using “ob”</li> </ul>
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**September (10 Days)**

<p align="center">LESSON – 6 FOOD</p> <p align="center">Lesson – 7 Media and Advertisements</p> <p align="center">REVISION FOR MID TERM EXAM</p>	<p>Interactive, Group Discussion</p>	<p>The students will be able</p> <ul style="list-style-type: none"> <li>• write E-Mails in German.</li> <li>• Form simple dialogue on general day to day topics.</li> </ul>	<p><b>E-mail writing</b></p> <p><b>Dialogue writing</b></p>
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### October (19 Days)

Unit	Methodology	Learning Outcomes	Structure
Lesson – 8 Learning languages October (19 Days)	Interactive, Group Discussion	The students will be able <ul style="list-style-type: none"><li>• To talk about limitations</li><li>• To talk about one's own experience with a foreign language</li></ul>	<ul style="list-style-type: none"><li>• Subordinate clause: "obwohl"</li><li>• Past perfect tense</li></ul>

### November(19 Days)

Unit	Methodology	Learning Outcomes	Structure
Lesson – 8 Learning languages	Interactive, Group Discussion	The students will be able <ul style="list-style-type: none"><li>• To negotiate</li></ul>	<ul style="list-style-type: none"><li>• Subordinate clause: "als", "nachdem"</li><li>• Leseverstehen</li></ul>

**December and January REVISION FOR FINAL EXAM**

## Summer Holiday Homework

Make a project on any one German Company. Include the following points:

- Origin
- History
- Branches
- Products

## Winter Holiday Homework

Make a PPT on means of communication being used by Teenagers in India and Germany. Also mention its advantages and disadvantages.

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**INFORMATION TECHNOLOGY (402)**

**Learning Objectives**

- Provide opportunities and scope for students to engage with the common and necessary skills, such as critical thinking, decision making and communication in different situations pertaining to different job roles.
- To develop practical knowledge of digital documentation, spreadsheets and database.
- To enable the students to understand database management system and have updated knowledge about digital record keeping
- To develop the following skills:
  - The concept of Digital Documentation
  - The concept of Electronic Spreadsheet
  - The concept of Databases
  - Internet Technologies

**April**  
**(18 days)**

<b>Chapter Name</b>	<b>Methodology</b>	<b>Learning Objectives</b>
<b>Digital Documentation (Advanced)</b> Styles- Creating, Updating, Uploading And Applying New Styles. Images-Insert, Modify, Resize, Crop, Delete And Grouping. Templates- Creating And Using Templates, Setting A Custom Default Template	<ol style="list-style-type: none"> <li>1. Demonstrate the various steps to be followed to use the different options for working with styles, inserting images to document from various sources, modifying, resizing, cropping, deleting and grouping images, drawing objects and its properties.</li> <li>2. Provide Hands On activities to the students.</li> </ol>	The students would be able to <ul style="list-style-type: none"> <li>• Create and Apply Styles in the document.</li> <li>• Insert and use images in document</li> <li>• Create and use template</li> </ul> This would lead to the development of Aesthetic thinking and Time management while expressing/ presenting in written form.
<b>Activities</b> <ul style="list-style-type: none"> <li>▪ Create a Brochure Booklet (of at least 10 pages) of your favorite tourist destination. Make use of styles to enhance the appearance.</li> <li>▪ Add different images in it and apply various tools on them.</li> <li>▪ Create a table of contents for the same.</li> </ul>		



<b>May (15 days)</b>		
<p><b>Digital Documentation (contd.)</b></p> <p>1. Table of Contents Create And Customize</p> <p>2. Mail Merge- Creation Of Main Document And Data Source, Merge The Data Source With Main Document, Print The Letter And Address Label</p>	<ol style="list-style-type: none"> <li>1. Demonstrate the various steps to Create a Hierarchy of headings and Customize the table of contents, use Character styles to Maintain a table of contents.</li> <li>2. Interactive discussion about the advance concept of Mail Merge.</li> <li>3. Demonstration of the steps to Perform mail merge and print the letter and address label</li> </ol>	<p>Create and customize table of contents This would lead to the development of skills of Creativity, artistry through computer literacy</p> <ul style="list-style-type: none"> <li>• Implement mail Merge</li> </ul>
<b>July (22 days)</b>		
<p><b>Web Applications and Security</b> Working with accessibility options Networking Fundamentals. Introduction to Instant Messaging. Chatting with a contact: Google Talk. Create and Publish Blog Use off-line blog editors Online transactions Internet security. Maintain workplace safety. Prevent Accidents and Emergencies. Protect Health and Safety at work</p>	<ol style="list-style-type: none"> <li>1. Class discussion followed by demonstration of the steps to apply the various accessibility features of the computer.</li> <li>2. Hands on experience to create and publish pages and blogs and offline editors and different Messaging services.</li> <li>3. Interactive session on the use of wired and wireless connections, Online transaction and various threats and security measures related to internet</li> </ol> <p>Group discussion to find ways to prevent accidents and emergencies</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>• Understand and apply the various accessibility options available</li> <li>• Create and publish Blogs</li> <li>• Perform Online transaction with Internet security,</li> <li>• Maintain Workplace Safety, Prevent accidents and Emergencies</li> <li>• Protect their health and be safe.</li> </ul> <p>This would lead to the development of Media and internet literacy skills among the students</p>

<b>Activities</b> <ul style="list-style-type: none"> <li>▪ Create and Publish your own Blogs using online and Offline editors.</li> <li>▪ Explore the various accessibility options on your devices.</li> </ul>		
<b>August (23 days)</b>		
<b>Spreadsheet (Intermediate)</b> Consolidating Data, scenarios goal seek and solver. Link data and spreadsheets. Share and review a spreadsheet. Create and Use Macros in spreadsheet <b>Macros : Creation and Implementation</b>	<ol style="list-style-type: none"> <li>1. Class discussion about the importance of the new concepts.</li> <li>2. Illustration of the various steps required to perform the different calculations using the new concepts.</li> <li>3. Hands on Activities provided to students to gain expertise in the implementation of new concepts.</li> <li>4. Class discussion about the importance of Macros.</li> <li>5. Demonstration of the steps to create and use macros.</li> </ol>	Students will be able to <ul style="list-style-type: none"> <li>• Judge the need of the required tool and illustrate the use of the same.</li> <li>• Relate and apply the concepts for various constraints and use them to solve the real-life problems based on calculations.</li> </ul> This would lead to the development of skills of Critical thinking, problem solving, analysis , interpretation and synthesizing the information.
<b>Activity</b> Create a workbook showing the performance of various sportsperson in Commonwealth games 2022. Illustrate the use of the tools-Consolidate and Subtotal to analyze the performance in various games Use the macro recorder, create a simple macro and use it as a function to Sort the columns		
<b>Database Management System</b> Appreciate the concept of Database Management System	Interactive discussion to introduce the concept of DBMS and its terms.	Students will be able to <ul style="list-style-type: none"> <li>• State the benefits of DBMS.</li> <li>• Compare among the DDL and DML, Primary and Foreign Key.</li> </ul>
<b>September ( 10 days)</b>		
Create and edit tables using wizard and SQL command. Perform operations on table. Retrieve data using query. Create Forms and	Demonstrate the various steps required to create database objects.	Students will be able to <ul style="list-style-type: none"> <li>• To create different types of queries and generate forms and reports.</li> </ul> This would lead to the development of research skills and Interrogative questioning attitude.

Reports using wizard		
<b>October (19 days)</b>		
<b>ICT Skills– II</b> Types Of Operating Systems, Menu, Icons And Task Bar On The Desktop, File Concept, File Operations, File Organization, Directory Structures, File-System, Structures, Creating And Managing Files And Folders Importance, Need And Schedule Of Care And	<ol style="list-style-type: none"> <li>1. Demonstration Of Creating, Renaming And Deleting Files And Folders, Saving Files In Folders And Sub- Folders, Restoring Files And Folders From Recycle Bin Followed By Hands On Practice</li> <li>2. Class Discussion Regarding Procedures To Be Followed For Cleaning, Care And Maintenance Of Hardware</li> <li>3. Demonstration And Hands On practice</li> </ol>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>• Distinguish among the various types of operating systems</li> </ul> <p>Students will be able to</p> <ul style="list-style-type: none"> <li>• Apply basic skills for Care and maintenance Of computer in an efficient manner.</li> </ul> <p>This would lead to the development of skill of ICT literacy.</p>
<b>Activities</b> <ul style="list-style-type: none"> <li>▪ Group Practice: Using the Keyboard, Group Chart Making /Presentation for securing our computer and data</li> <li>▪ Maintenance Of Computer- Perform procedures for Scanning And Cleaning of Viruses And Removing Spam Files, Temporary Files And Folders</li> </ul>		
<b>Self-Management Skills-II</b> Meaning, Importance, Techniques Of Stress Management.  Meaning And Types Of Self Awareness, Self Motivation Self-Regulation	<p>Group Discussion</p> <ol style="list-style-type: none"> <li>1. On Working Independently Towards The Goals</li> <li>2. Planning Of An Activity</li> <li>3. The Qualities Required For Working Independently</li> </ol>	<p>Students Will Be Able To</p> <ul style="list-style-type: none"> <li>• Apply Stress Management Techniques</li> </ul> <p>This would help the students to develop the skill of personal expression and regulate their emotions and behavior.</p>
<b>Activities</b> <ul style="list-style-type: none"> <li>▪ Role Play on Avoiding Stressful Situation, Pair Activity: Aim in Life</li> <li>▪ Staying Motivated (Group Discussion), Self-Reflection.</li> </ul>		

<b>November ( 19 days)</b>		
<b>Entrepreneurial Skills-II</b> Entrepreneurship and society, Qualities functions Role and Importance of an entrepreneur. Myths about entrepreneurship	1. Class Discussion about Success stories of first generation and local entrepreneurs 2. Activities to Collect Information, Listing the entrepreneurial Qualities, analysis of strength and Weaknesses. Planning to setup a business 3. Group discussion of self- qualities needed to become successful entrepreneur.	Students will be able to <ul style="list-style-type: none"> <li>• List the characteristics of successful entrepreneur</li> <li>• Work towards the benefit of the society</li> </ul> This would help to the develop economic and financial literacy.
<b>Activities</b> <ul style="list-style-type: none"> <li>▪ My Entrepreneurial Qualities: Self-assessment, Field Work: Let's be an Entrepreneur, Talking to Entrepreneurs: Interview</li> </ul>		
<b>December (22 days)</b>		
<b>Project</b> Project based on the implementation of Digital Documentation, Spreadsheet and Database	Group discussion and case study to design a system to digitize the work.	Students will be able to apply the concepts and features and gain Hands On experience
Revision		

### Summer Holiday Homework

- Create a list of guests for the Annual day of your school. Implement Mail merge to prepare labels for sending them the invitation letter.
- Design a certificate of appreciation for participation in Annual day using Template.

### Winter Holiday Homework

#### Activities

- Create a database for the detailed data based on the T20 World Cup in Australia (name, age, number of matches played, runs scored, Matches won/lost etc) of at least 10 sportsperson/counties using a Database Management Software.
- Prepare different tables, forms, queries and reports for the above.

## LIST OF PRACTICALS

<b>DIGITAL DOCUMENTATION</b>	
1	Write an article discussing about your favorite sports/sportsperson/ art/artist in LibreOffice Writer and modify its layout using various styles like Header& footer and page colors, font styles etc.
2	Create a brochure of any tourist place near you using different images of it. Apply different image formatting options available in Writer.
3	Create a certificate for any competition held in school using any template available in Writer
4	Using Mail merge, generate the Certificate of all the participants whose information is kept in the Excel file
<b>WEB APPLICATION</b>	
5	Discuss about internet security and also mention some best practices for internet security.
6	Create an instant messaging account and describe the benefits of instant messaging software with examples
7	Create your own blog and share the link
8	Perform an online transaction and discuss its benefits in details.
9	Discuss about different types of common internet connectivity we use in our day to day life
<b>ELECTRONIC SPREADSHEET</b>	
10	Prepare 4 worksheets showing Major Expenses made at home. Use consolidation to show the item-wise expenses made in the entire year.
11	Prepare a single sheet showing the expenses made in each quarter. Use Subtotal to group them according to item or month in each quarter
12	Create three different scenarios of a data given in LibreOffice Calc.
<b>DATABASE MANAGEMENT SYSTEM</b>	
13	Create a database to manage the Library / Transport System of a school
14	Design various tables in the database using wizard and Query
15	Create relationships among the tables
16	Inserting data in a table using wizard and Query.
17	Perform DML queries on these table

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**MARKETING AND SALES (SUBJECT CODE-412)**

**Learning Objectives:-**

- To understand the classical marketing perspectives and contrasts these with newer views from relational and service-based schools of marketing
- To understand the dynamics of various environmental factors on marketing so as that students can think about a feasible marketing plan (process)
- To understand the utility of STP of marketing (i.e. Segmentation, Targeting, Positioning)
- To have an elementary knowledge of marketing mix, consumer behavior, and other preliminary concepts and roles of marketing in society

This course will empower the students to gain insights into what marketing practitioners actually do and the decisions they have to make in day to day marketing. This course is an effort to taught marketing in more creative and visual way with the coverage of advances in new technology and the social web and how to take advantage of these in marketing context. This course will also recognize the need to go further than the traditional 4P's approach and reflect on newer perspective, covering both the classical and modern theories of marketing

**APRIL(18 DAYS)**

**Unit I – Sales with other functions –Introduction of Marketing Mix**

<b>LOCATION:</b>  Classroom or Company's premises	<b>DURATION:</b>			
	<b>SESSION 1: PRODUCT</b>			
	<b>Learning Outcome</b>	<b>Knowledge Evaluation</b>	<b>Performance Evaluation</b>	<b>Teaching And Training Method</b>
	1.What are the types/ tools of Marketing Mix  2. To understand product as the first tool of marketing mix.	Able to understand the four tools of marketing mix and their role to satisfy the needs of a prospective customer.	1. Able to understand the significance of marketing mix.  2. Able to analyse the types and features of the product	Interactive lecture  Power point presentation on the four tools of Marketing Mix
	<b>SESSION 2: PRICE</b>			
Explain what is the meaning of price in context of one of the tools of marketing.	The learner would be able to understand the price policy and its strategies.	Able to analyse the different types of pricing techniques	Interactive lecture  Power point presentation	

**SESSION 3: PLACE**

Understand the meaning of place in context of one of the tools of marketing mix

Able to understand the channels of distribution and role of intermediaries in physical distribution.

Able to identify the correct channel of distribution for a product/ service.

Interactive lecture  
  
Power point presentation

**SESSION 4: PROMOTION**

Able to understand the meaning of promotion in context of one of the tools of marketing.

Able to understand the need of communicating with the prospective customers through different tools used in promoting sales.

Able to distinguish and understand the significance of the different types tools used in promoting sales.

Interactive lecture  
  
Power point presentation

## MAY :15 DAYS

### UNIT: II Market (Segmentation, Targeting and Positioning)

Location:	Session 1	Market Segmentation		
Classroom, retail store or Mall or local vendor or Online websites	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	<p>1. Describe the concept of Segmentation</p> <p>2. Identify the bases of market segmentation</p>	<p>1. Describe the importance of segmentation in marketing.</p> <p>2. Explain how segmentation is done.</p> <p>1. Explain the various bases on which a market can be segmented</p> <p>2. Understand that different basis of segmentation are be used for different product categories.</p>	<p>1. Identify a segment for a particular product</p> <p>2. Find out the requirements of an effective segment</p> <p>1. Classify the various bases of segmentation.</p> <p>2. Differentiate between the different bases of segmentation</p>	<p><b>Interactive Lecture:</b></p> <p>Introduction to Market Segmentation</p> <p><b>Activity:</b></p> <p>Make a PowerPoint presentation on market segmentation</p> <p><b>Interactive Lecture:</b></p> <p>Basis of Segmentation</p> <p><b>Activity:</b></p> <p>Pick up a product of your choice and identify the segment for that product</p>



JULY: 22 DAYS

Location:  Classroom, retail store or Mall or local vendor or online websites	Session 2	Targeting the Market		
	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	1.Explain the concept of market targeting	1. Describe the importance of Targeting the market  2.Explain the process of evaluating the market	1.Understand how to target the market for a particular product  2. Analysing how a market can be evaluated for the purposes of targeting	<b>Interactive Lecture:</b>  Introduction to Market Targeting  <b>Activity:</b>  Make a presentation on the concept of targeting the market
	2.State the various Strategies of Targeting available to the marketer	1. Explain the various strategies of Targeting the market  2. Understand that different types of targeting strategies can be used for different types of products	1. Classify the various strategies of targeting  2. Differentiate between the different bases of segmentation	<b>Interactive Lecture:</b>  Target Marketing Strategies  <b>Activity:</b>  Choose a product or service of your choice and identify which strategy of targeting would you choose for that product or service



## AUGUST : 23 days

### Unit-III: Sales Process

Location:	Session 1	Prospecting		
Classroom, retail store or Mall or local vendor or visiting kiosks	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	<p>1. Describe the Process of Selling and the steps involved in the Process of Selling</p> <p>2. Explain the first step in the process of selling</p>	<p>1. Analyse the importance of Process of Selling</p> <p>2. Understand how Selling is done.</p> <p>1. Comprehend the importance of Prospecting in the process of Selling</p> <p>2. Analyse how Prospecting is done</p>	<p>1. Identify the sequential arrangement of the steps involved in the selling process</p> <p>2. Find out the importance of each step in the whole process of selling</p> <p>1. Classify the various Steps of Process of Selling.</p> <p>2. Analyse the role of Prospecting in the process of Selling</p>	<p><b>Interactive Lecture:</b></p> <p>Introduction to Process of Selling</p> <p><b>Activity:</b></p> <p>Prepare a presentation on Process of selling and present it in the class</p> <p><b>Interactive Lecture:</b></p> <p>Prospecting</p> <p><b>Activity:</b></p> <p>Role-playing in the class, wherein, some students act as prospective customers and some are asked to do Prospecting</p>

Location:	Session 2	Planning the Approach (Pre-Approach)		
Classroom, retail store or Mall or local vendor or visit kiosks	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	<p>1. Explain the concept of Planning an Approach (Pre-Approach)</p> <p>2. Describe the process of planning a presentation</p>	<p>1. Analyse the importance of Planning an Approach (Pre-Approach in the process of Selling</p> <p>2. Understand Pre-approach and preparation of presentation</p> <p>1. Comprehend the importance of Prospecting in the process of Selling</p> <p>2. Analyse how Prospecting is done</p>	<p>1. Find out the process involved in the making of a presentation</p> <p>2. Analyse making of a presentation is made</p> <p>1. Classify the various ways of making a presentation</p> <p>2. Analyse the role of Pre-approach in the process of Selling</p>	<p><b>Interactive Lecture:</b></p> <p>Planning an Approach</p> <p><b>Activity:</b></p> <p>Students to be asked to plan an Approach (Presentation)</p> <p><b>Interactive Lecture:</b></p> <p>Process of Planning an Approach</p> <p><b>Activity:</b></p> <p>Role-playing in the class, wherein, some students act as prospective customers and some are asked to do Prospecting</p>

## September: 10 days

Location:	Session 3	Handling Objections		
Classroom, retail store or Mall or local vendor or a Kiosk	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	<p>1. Define the concept of Handling Objections in the process of Selling</p> <p>2. Explain the various methods of Handling Objections</p>	<p>1. Analyse the importance of Handling Objections in the process of Selling</p> <p>2. Understand the intricacies involved in Handling Objections</p> <p>1. Comprehend the importance of Handling Objections in the process of Selling</p> <p>2. Analyse how Objections are handled keeping in view the customers</p>	<p>1. Analyse the difficulties in Handling of Objections</p> <p>2. Apply presence of mind in Handling Objections</p> <p>1. Classify the various ways of handling objections</p> <p>2. Analyse the importance of asking questions in Handling Objections</p>	<p><b>Interactive Lecture:</b></p> <p>Handling Objections</p> <p><b>Activity:</b></p> <p>Visit to a mall and let the students have a word with the salesperson and first hand experience of handling objections</p> <p><b>Interactive Lecture:</b></p> <p>Method of Handling Objections</p> <p><b>Activity:</b></p> <p>Role-playing in the class, wherein, some students are asked to raise objections and some are asked to handle them</p>

Location:  Classroom, retail store or Mall or local vendor or a Kiosk	Session 4	Closing the Sale		
	Learning Outcomes	Knowledge Evaluation	Performance Evaluation	Teaching and Training Method
	<p>1. Explain the meaning of 'Closing the Sale' in the process of Selling</p> <p>2. Explain the various ways of 'Closing the Sale'</p>	<p>1. Comprehend the importance of 'Closing the Sale' in the Process of Selling</p> <p>2. Understand the intricacies/difficulties involved in 'Closing the Sale'</p> <p>1. Learn the importance of 'Closing the Sale' in bringing repeat sales</p> <p>2. Analyse how a Sale is closed keeping in view the customers</p>	<p>1. Analyse the difficulties in 'Closing a Sale'</p> <p>2. Apply presence of mind in 'Closing a Sale'</p> <p>1. Classify the various ways of 'Closing a Sale'</p> <p>2. Understand the importance of satisfying customers in 'Closing a Sale'</p>	<p><b>Interactive Lecture:</b></p> <p>'Closing a Sale'</p> <p><b>Activity:</b></p> <p>Visit to a mall and let the students have a word with the salesperson and first hand experience of 'Closing a Sale'</p> <p><b>Interactive Lecture:</b></p> <p>'Closing a Sale'</p> <p><b>Activity:</b></p> <p>Role-playing in the class, wherein, a situation is given and the students are asked 'Close a Sale'</p>

## October: 19 days

### UNIT IV: CAREERS IN SELLING

<b>Unit Code:</b>	<b>UNIT TITLE: CAREERS IN SELLING</b>			
	Duration:			
<b>Location:</b>	<b>SESSION1: CHALLENGES IN SELLING CAREER</b>			
Classroom or Company's premises	<b>Learning Outcome</b>	<b>Knowledge Evaluation</b>	<b>Performance Evaluation</b>	<b>Teaching and Training Method</b>
	1. Career opportunities in sales	1. To introduce about vast range of career positions in sales career path	1. Evaluate the significance of various career positions in sales	1. Introduction of different career positions in sales with current examples
	2. Challenges in Selling career	2. To discuss various job related difficulties coming before a salesman or sales manager	2. Justify need for understanding these problems to tackle them skillfully	2. Discussion of problems with the help of situations and find out solutions from students' perspective
	<b>SESSION 2: SKILLS IN SELLING AND THEIR TRAINING</b>			
1. Pre-requisite skill set for salesmen	1. Explain the meaning of People skills, Communication skills, Selling skills, Information and technology skills, Self management skills	1. Distinguish different types of skills essential to convince customers in selling process  2. Justify the need for their training	<b>Interactive Lecture:</b> Introduction of different skill sets of good salesmen in selling process with their significance  <b>Activity:</b> Role play enactment	
<b>SESSION 3: ROLES AND RESPONSIBILITIES OF SALESMEN</b>				
1. Methodical classification of various roles of sales persons in selling	1. Different roles played by a salesman like- Revenue generator, Consultant to customers, Image builder, Relationship builder  2. Activities related with above said roles	1. Explain the significance of each role played by a salesman and discuss skills associated with it	<b>Interactive Lecture:</b> Explain duties associated with each role- Revenue generator, Consultant to customers, Image builder Relationship builder of the sales man with examples.	
Responsibilities of sales	1. Acknowledge different duties and responsibilities	1. Substantiate the essential obligations and	<b>Interactive Lecture:</b> Clarification on	

	persons in selling	of salespersons in selling	commitments in the role of good salesman	importance of timeliness meeting the responsibilities and duties by salesmen and in proper order Activity: Enlist obligations and commitments of salespersons
<b>SESSION 4: AFTER SALE SERVICES</b>				
	1. After sale services	1. Meaning of After sale services 2. Techniques of After sale services 3. Significance of After sale services	1. To explain the concept of After sale services, its various methods and the importance of After sale services	1. By lecture method the students are updated about meaning of 'After sale services' techniques of After sale services and significance of After sale services

**November: 19 days**

**UNIT NO: V: Soft Skills in selling**

Location Class Room				
<b>SESSION – I SOFT SKILLS</b>				
	<b>Learning outcome</b>	<b>Knowledge Evaluations</b>	<b>Performance Evaluation</b>	<b>Teaching and Training method</b>
	<b>Soft Skills</b>			
	(1) Describe Soft and hard skills.	Explain the need of (1) hard skills and soft skills (2) Importance of soft skills in selling/ marketing.	(1) Distinguish between soft skills and hard skills. (2) List three soft skills.	Interactive Lecture. Soft skills Hard skills.  Activity: Student is asked to list soft skills.



<b><u>SESSION – II</u></b>				
<b>Communication Skills</b>				
	(2) Explain the meaning of Communication skill.	(1) Importance of communication skill in selling and marketing.  (2) State the role of oral and written communication.  (3) Explain the need to take feedback receiver's response.	(1) Steps to create favorable image. (2) Evaluate effective communication in selling. (3) Justify need in your career success. (4) Explain Need to pay attention to details while putting agreement in writing.	(1) Interactive Lecture on communication skills. (2) Power point presentation.

<b><u>SESSION – III</u></b>
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<b>Negotiation Skills</b>				
	<b>Explain the meaning of Negotiation skills.</b>	(1) How communication skills will impact in a business negotiation? (2) Explain why verbal communication is effective in negotiations? (3) How negotiations settle conflicts.	(1) How will emotional control help during negotiations? (2) Justify discussions useful to gather more information. (3) Why an actual negotiations be patience listener?	Interactive Lecturer on negotiations skills.  Arrange negotiating meeting between two groups of students.  Observer the discussions of negotiating meeting.

<b>SESSION – IV</b>				
	<b>Grooming and Personal Etiquette</b>	<b>Knowledge Evolution</b>	<b>Performance Evolution</b>	<b>Teaching and training method</b>
	<b>State the meaning of personal grooming and etiquettes.</b>			
		(1) Why Etiquette is required in business dealing. (2) Familiarize students with dress and grooming in a formal sales meeting. (3) Need for appropriate dress. (4) Introduce students with Etiquette in a formal set up. How to receive a customer in your office? (5) Business	(1) It is necessary to groom our self according to the need of the hour. State appropriate dress for a lady sales person. (2) Would you recommend clothes with large floral prints? (3) Understand e-mail etiquettes telephone manners and overall conduct at the work place.	- Interactive Lecturer on grooming and personal etiquettes.  - Introduce activity. Ask students on personal grooming and personal hygiene – demonstration.  - Power point presentation.

		meetings are not confined to closed door. (6) Type of dress one wears in outdoor business meeting. (7) Etiquette to be maintained if there is a telephone call on your mobile.	(4) Do you invite customer to sit or take seat or say nothing. Its impact on your business meeting?	
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**SESSION – V**

	<b>Ethical Behavior</b>			
	<p>(1) Describe the meaning of ethical behavior.</p> <p>(2) State principles and rules of conduct applied in business.</p> <p>(3) Is it a part of social responsibility of business?</p>	<p>(1) Classify unfair business dealing.</p> <p>(2) Importance of code of conduct and ethics used in business dealing.</p>	<p>Identify unethical activities</p> <p>Analyses ethical behavior to justify importance.</p> <p>Differential between moral values and moral education distinguish between ethics and values.</p>	<p>Interactive Lecturer and discussions.</p> <p>Power point presentation.</p> <p>List the code of conduct developed by certain trade association.</p>

**SESSION –VI**

	<b>Influencing Skill.</b>			
	<b>Describe the meaning of influencing skill.</b>	<ul style="list-style-type: none"> <li>- Explains the relationship between negotiation and persuasion skills.</li> <li>- Distinguish between persuasive skill and influencing skills.</li> </ul>	<p>Understand the doctrine of consistence in completing the task.</p> <p>Analysis business objectives to solve business problem.</p>	<p>Interactive Lecturer and discussions.</p> <p>Power point presentation.</p>
<b><u>SESSION -VII</u></b>				
	<b>Emotional Quotient</b>			
	<b>-Describe the meaning of Emotional Quotient</b>	<ul style="list-style-type: none"> <li>- State the impact of emotional quotient in or emotional intelligence on your action in business dealing.</li> </ul>	<ul style="list-style-type: none"> <li>- Evaluate your self-awareness soft skill.</li> </ul>	<p>Interactive Lectures and discussions.</p> <p>Power point presentation.</p>

## **EMPLOYABILITY SKILLS**

**December : 22 days**

REVISION

**January: 17 days**

REVISION

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**DANCE**

**Learning Objective :-**

1. Knowledge of the rich cultural heritage of India .
2. Knowledge of different dance forms and gharanas .
3. Develop the dancing skills , creativity , imagination / innovation .

Chapter / Topic	Methodology	Learning Objectives
<b>April (18 days)</b>		
1. Bhoomi Pranam 2. Mantra Dance	1. Various types of movements with facial expression . 2. Students will practice and perform different steps / movements along with the teacher .	1. To develop Dance related skills .
<b>May (15 days)</b>		
1. Classical Dance & different Mudras	1. Teaching using different mudras and movements of Dance. Using only hands & fingers along with – Tabla .	1. Developing the expressions and emphasis on beautiful mudras Mudra.
<b>July (22 Days)</b>		
1. Patriotic Dance of Advance level	1. Preparing dance for various programs . 2. Practice the various dances with CD Player and suitable / Tri-color props .	1. Feeling of patriotism.
<b>August (23 Days)</b>		
1. Patriotic Dance	1. Preparing dance steps & movements for any program . 2. Teaching Aid – Prepare dance any program with CD Player and Tri-colour	1. Feeling of Patriotism

	props .	
<b>September (10 Days)</b>		
1. Rajasthani folk Dance 2. Knowledge of state Dances .	1. Each Steps will be taught individually and in group with props like Matki , ghungroo , Manjira etc .	1. Developing skills of Stage Presentation.
<b>October (19 Days)</b>		
1. Lavani Folk Dance 2. Knowledge of State Dances .	1. One by one steps taught individually and in group . 2. Teaching Aid – CD Player and props .	1. Developing skills of stage presentation .
<b>November (19 days)</b>		
1. All different type of folk Dance	1. Preparing advance level folk dances for various functions and competitions. 2. Students will practice with appropriate props , Tabla , Dholak , Naal , Ghungroo etc	1. Will improves awareness towards Dance .
<b>December(22 days)</b>		
1. Classical fussion Dance	1. Preparing graceful movements and steps for any Grand level Function . 2. Teaching Aid – CD Player .	1. Develop of Rhythm sense & Expression .
<b>January (17 days)</b>		
1. Patriotic Dance 2. Knowledge of famous freedom fighters .	1. Using body , hands and fingers in dance . 2. Students will try , learn and practice to perform individually as well as in group CD Player , Props .	1. Feeling of Patriotism .

**February**

1. Collect pictures of Indian classical dancers and makes charts .	1. Discussion on different aspects / nuances of kathak form of classical dance .	1. Developing creativity , imagination , innovation and dancing skills .
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**CURRICULUM PLAN**  
**CLASS-10 (2023-2024)**  
**MUSIC VOCAL**

□ Every class will begin with the chanting of (OM), 'Gayatri Mantra .

Theme/content	Methodology/Activity	Learning outcome
<u>April (18 days)</u>		
<ul style="list-style-type: none"> <li>● Vandematram</li> <li>● Discussions on great musicianse.g. Haridas, Tansen.</li> </ul>	<ul style="list-style-type: none"> <li>● Learn and memorize the mantra.</li> <li>● Children will be told about the works of different musicians.</li> </ul>	<ul style="list-style-type: none"> <li>● They will come to know about the great musicians and the hard work they did.</li> </ul>
<u>May(15 days)</u>		
<ul style="list-style-type: none"> <li>● Discussion on Books written on music e.g. Raag VISHARAD etc.</li> </ul>	<ul style="list-style-type: none"> <li>● The teacher will discuss about the facts written in the books.</li> </ul>	<ul style="list-style-type: none"> <li>● Will improve the awareness towards the music.</li> </ul>
<u>July (21 days)</u>		
<ul style="list-style-type: none"> <li>● Patriotic song</li> <li>● Thaata system</li> </ul>	<ul style="list-style-type: none"> <li>● They will learn different patriotic songs.</li> <li>● Each child will sing differently.</li> </ul>	<ul style="list-style-type: none"> <li>● Will develop patriotic feeling.</li> <li>● Develop singing skills.</li> </ul>



August – September (33 days)

<ul style="list-style-type: none"><li>● Knowledge about gharana</li><li>● Patriotic song</li><li>● Community singing.</li><li>● Knowledge about Harmonium and table</li><li>● Independence day</li><li>● Folk song singers</li><li>● Folk instruments and the dress of folk singers</li></ul>	<ul style="list-style-type: none"><li>● Discussions on different gharana in different region.</li><li>● Hand movements on harmonium.</li><li>● National anthem and prayer on harmonium.</li><li>● Discussions on different folk songs of different region.</li></ul>	<ul style="list-style-type: none"><li>● Will improve the awareness towards gharana in music.</li><li>● They will learn how to play harmonium.</li></ul> <p>Awareness towards the rich culture heritage of India</p>
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OCTOBER(19 days)

<ul style="list-style-type: none"><li>● Instruments (rare instruments like Rabab, Dilruba, Veena etc.)</li></ul>	<ul style="list-style-type: none"><li>● They will be made to listen the music and discussion on instruments.</li></ul>	<ul style="list-style-type: none"><li>● Awareness towards the subject, they will know about the different instruments.</li></ul>
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NOV-DEC (41 days)

<ul style="list-style-type: none"><li>● Songs various functions, competitions, Annual day, sports day.</li></ul>	<ul style="list-style-type: none"><li>● They will learn specific.</li></ul>	<ul style="list-style-type: none"><li>● Develop creativity, imagination, innovation. Develop interest to participate in school functions.</li></ul>
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JAN (17 days)

<p>Chart papers based on famous playback singers</p>	<ul style="list-style-type: none"><li>● Children will bring pictures of different artists. They will paste the pictures on chart papers.</li></ul>	<ul style="list-style-type: none"><li>● Develop creativity. Develop interpersonal relation, learn to work group</li></ul>
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# HEALTH AND PHYSICAL EDUCATION (503)

## SPORTS CLASS - X (2023-2024)

### General Objectives :

- To develop awareness regarding the importance of Physical Fitness in individual and social life including life skill.
- To develop interest in Exercise, Sports and Games for self satisfaction and make it a part of life.
- To inculcate values and skills in children in order to promote self control, concentration, peace and relaxation to avoid the ill effect of stress, strain and fatigue of routine every day life.
- To develop more positive attitude towards challenges, winning and losing, thus preparing students for like and fun the work place.

### APRIL

#### WORKING DAYS - 19

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Introduction of Game	Any one Game	Explanation Method Introduction of specific Game.  <u>Demonstration Method :</u> Learning of basic skill of the game.	Students will come to know the basic skill of the game.
<u>STRAND II</u> Yoga	Any Two Meditation Asanas	Demonstration and Explanation Method. Every student will do Sukhasana and Padma Asanas.	Improve concentration power/ability.
<u>STRAND IV</u> Body Composition	BMI for specific Age and Gender	BMI is calculated from body mass (M) and height <u>Equipment scales and stadiometer as for weight and height.</u>	Know about their BMI level.

#### WORKING DAYS - 16

### MAY

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Game and Sports		Demonstration and Explanation Method. Learning of 5 basic skills of your games.	Learning of Basic skills of the game.
<u>STRAND II</u> Yoga Any 5 Cultural Asanas		Tadasana, Trikonasana, Vajar Asana, Gomukh asanas, Akarandhanur Asana.	Come to know about Meditation Asanas and same. Cultural Asanas.
<u>STRAND IV</u> Muscular Strength Partial Curl up (Core)		The curl up test measures abdominal muscular strength and endurance.	Records the maximum number of sit ups in 30 sec.
Flexed/Bent Arms Hang (up per Body)		Muscular endurance/functional strength <u>equipment:</u> stopwatch, and elevated horizontal Bar	The total time in second is recorded.

WORKING DAYS - 22

JULY

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports		Demonstration and Explanation Method. Practice of Basic skills and perform in match.	Students will play match for short period.
<u>STRAND II</u> Cultural Asanas		Starts with Meditation Asanas and do 5 Cultural Asanas	Improve Concentration and Flexibility, Strength and Endurance.
<u>STRAND IV</u> Flexibility Measurements of flexibility of lower back and hamstring muscles	Sit and Reach Test	Demonstration and Explanation Method. This test is conducted with set and reach box and score is recorded to the nearest centimeter as the distance reached by the hand. Equipment - Sit and Reach Box	Flexibility of lower back and upper leg muscle will improve.

WORKING DAYS - 24

AUGUST

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports	Specific Game	Explanation and Demonstration Method. Practice of General and Specific Fitness Exercise and Skill.	Improve the performance of your game.
<u>STRAND II</u> Yoga	Cultural Asanas	Sarvang asanas, Pawanmuktasana, Bhujang asanas, Salabh asanas, Dhanuras asana.	Increase the flexibility and accuracy.
<u>STRAND IV</u> Endurance Cardiovascular Fitness	600 yard mt. Race	600 yard Run/walk in fastest possible pace. Objectives to cover 600 yard distance.	Time taken for completion
Co-ordination speed limbs movement	50 mt. Dash	50 mt. dash (sprint) run with minimum time recorded.	Time taken for completion

**SEPTEMBER**

*WORKING DAYS - 22*

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports	Match of specific game	Demonstration and Explanation Method. Organise match of specific game in your relative class.	Find out the strengthen a weak skill of student.
<u>STRAND II</u> Yoga	Parnayam	Practice of Pranayam Purak, Rachek and Kumbak	Improve the efficiency Respiratory system and lung capacity.
<u>STRAND IV</u> Balance (Optional) (Flamingo Balance Test)	Static Balance Flamingo Balance Test	Ability to balance successfully on a single leg on the beam/line.	Total time till the student loss balance.
Plate Tapping (Optional)	Co-Ordination	Test speed and co-ordination of limb movement by tapping on the adjustable height table on two discs with non preferred hand as quickly as possible (25 full cycle 50 taps)	Time taken to complete 25 cycle is recorded.

**OCTOBER**

*WORKING DAYS - 20*

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Introduction of Game	Any one Game	Explanation Method Introduction of specific Game.  <u>Demonstration Method :</u> Learning of basic skill of the game.	Students will come to know the basic skill of the game.
<u>STRAND II</u> Yoga	Any Two Meditation Asanas	Demonstration and Explanation Method. Every student will do Sukhasana and Padma Asanas.	Improve concentration power ability.
<u>STRAND IV</u> Body Composition	BMI for specific Age and Gender	BMI is calculated from body mass (M) and height <u>Equipment scales and stadiometer as for weight and height.</u>	Know about their BMI level.

WORKING DAYS - 20

NOVEMBER

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Game and Sports		Demonstration and Explanation Method. Learning of 5 basic skills of your games.	Learning of Basic skills of the game.
<u>STRAND II</u> Yoga Any 5 Cultural Asanas		Tadasana, Trikonasana, Vajar Asana, Gomukh asanas, Akarandhanur Asana.	Time to know about Meditation Asanas and same. Cultural Asanas.
<u>STRAND IV</u> Muscular Strength Partial Curl up (Core)		The curl up test measures abdominal muscular strength and endurance.	Records the maximum number of sit ups in 30 sec.
Flexed/Bent Arms Hang (up per Body)		Muscular endurance/functional strength equipment: stopwatch, and elevated horizontal Bar	The total time in second is recorded.

DECEMBER

WORKING DAYS - 24

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports		Demonstration and Explanation Method. Practice of Basic skills and perform in match.	Students will match for short period.
<u>STRAND II</u> Cultural Asanas		Starts with Meditation Asanas and do 5 Cultural Asanas	Improve Concentration and Flexibility and Strength Endurance.
<u>STRAND IV</u> Flexibility Measurements of flexibility of lower back and hamstring muscles	Sit and Reach Test	Demonstration and Explanation Method. This test is conduct with set and reach box and score is recorded to the nearest centimeter as the distance reached by the hand.	Flexibility of lower back and upper leg muscle will improve.

WORKING DAYS - 17

JANUARY

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports	Specific Game	Explanation and Demonstration Method. Practice of General and Specific Fitness Exercise and Skill.	Improve the performance of your game.
<u>STRAND II</u> Yoga	Cultural Asanas	Sawang asanas, Pawanmuktasana, Bhujang asanas, Salabh asanas, Dhanuras asana.	Increase the flexibility and accuracy.
<u>STRAND IV</u> Endurance Cardiovascular Fitness	600 yard mt. Race	600 yard Run/walk in fastest possible pace. Objectives to cover 600 yard distance.	Time taken for completion
Co-ordination speed limbs movement	50 mt. Dash	50 mt. dash (sprint) run with minimum time recorded.	Time taken for completion

FEBRUARY

WORKING DAYS - 23

Contents	Test	Methodology / Activity	Learning Outcome
<u>STRAND I</u> Games and Sports	Match of specific game	Demonstration and Explanation Method. Organise match of specific game in your relative class.	Find out the strengthen and weak skill of student.
<u>STRAND II</u> Yoga	Parnayam	Practice of Pranayam Purak, Rachek and Kumbak	Improve the efficiency of Respiratory system and lungs capacity.
<u>STRAND IV</u> Balance (Optional) (Flamingo Balance Test)	Static Balance Flamingo Balance Test	Ability to balance successfully on a single leg on the beam/line.	Total time till the student loses balance.
Plate Tapping	Co-Ordination	Test speed and co-ordination of limb movement by tapping on the adjustable height table on two discs with non preferred hand as quickly as possible (25 full cycle 50 taps)	Time taken to complete 25 cycle is recorded.

**CURRICULUM PLAN**  
**CLASS 10 (2023-2024)**  
**FINE ARTS**

**Learning Objective**

The objective of Fine Art is to create & develop a sense of aesthetics, creativity & nurture innovative ideas in day-to-day life. Art is essential for a child's overall development & enhancing innovative skills which reflects in other spheres of life.

<b>Chapter Name</b>	<b>Methodology</b>	<b>Learning Objectives</b>
<b>April(21 days)</b>		
<ul style="list-style-type: none"> <li>• Still Life-I</li> <li>• Still Life-II</li> </ul>	<ul style="list-style-type: none"> <li>• Still Life / Object Drawing (Black &amp; White)</li> <li>• Still Life / Object Drawing (Coloured)</li> </ul>	<ul style="list-style-type: none"> <li>• To be able to learn &amp; draw exact light, shadow, perspective &amp; shape of the object in pencil shading (black &amp; white).</li> <li>• To be able to learn &amp; draw exact light, shadow, perspective &amp; shape of the object in any color medium (colored).</li> </ul>
<b>May(15 days)</b>		
<ul style="list-style-type: none"> <li>• Graphic Design</li> </ul>	<ul style="list-style-type: none"> <li>• Graphical / Geometrical design (contemporary style)</li> </ul>	<ul style="list-style-type: none"> <li>• To be able to learn &amp; draw a Graphic Design &amp; to know the purpose of it &amp; how to utilize it in several Art works.</li> </ul>
<b>July (24 days)</b>		
<ul style="list-style-type: none"> <li>• Portraiture making-I</li> <li>• Portraiture making-II</li> </ul>	<ul style="list-style-type: none"> <li>• Portrait (Black &amp; White)</li> <li>• Portrait (Colored)</li> </ul>	<ul style="list-style-type: none"> <li>• To be able to learn the technical skills of making a portraiture in pencil shading in the correct form.</li> <li>• To be able to learn the technical skills of making a portraiture in colored shading in the correct form.</li> </ul>
<b>August (22 days)</b>		
<ul style="list-style-type: none"> <li>• Landscape making</li> <li>• Poster making on a specific theme</li> </ul>	<ul style="list-style-type: none"> <li>• Landscape / Seascape with watercolor.</li> <li>• Poster making on Independence Day</li> </ul>	<ul style="list-style-type: none"> <li>• Creating a landscape focusing its perspective, light &amp; shadow &amp; learning the right coloring skills.</li> <li>• Creating a poster design on a patriotic theme- Independence Day.</li> </ul>
<b>September (25 days)</b>		
<ul style="list-style-type: none"> <li>• Poster Making on Social Issues</li> </ul>	<ul style="list-style-type: none"> <li>• Poster making on Corruption, Child labor and Women empowerment</li> </ul>	<ul style="list-style-type: none"> <li>• To learn the skills of poster making &amp; cultivating ideas for the same.</li> </ul>

<b>October (17 days)</b>		
<ul style="list-style-type: none"> <li>• Composition making</li> <li>• Greeting Card making</li> </ul>	<ul style="list-style-type: none"> <li>• Dussehra /Diwali Scene</li> <li>• Card Making</li> </ul>	<ul style="list-style-type: none"> <li>• To compose a scene on Diwali in celebration mood.</li> <li>• To create Diwali greeting cards using best out of wastes &amp; different printing techniques.</li> </ul>
<b>November (24 days)</b>		
<ul style="list-style-type: none"> <li>• Folk Art</li> <li>• Doodle Art</li> </ul>	<ul style="list-style-type: none"> <li>• Folk Art/ Traditional Painting</li> <li>• Doodle Art/Scribble Art</li> </ul>	<ul style="list-style-type: none"> <li>• To learn the origination &amp; rich culture &amp; heritage of types of Indian Folk Art.</li> <li>• To learn the modern techniques &amp; ideas of contemporary Doodle Art.</li> </ul>
<b>December(25 days)</b>		
<ul style="list-style-type: none"> <li>• Illustration &amp; Designing</li> <li>• Book cover-Layout &amp; Printing</li> </ul>	<ul style="list-style-type: none"> <li>• Illustration</li> <li>• Book Cover Designing</li> </ul>	<ul style="list-style-type: none"> <li>• To learn the correct techniques of creating an illustration design based on different story scenes.</li> <li>• To learn the concept &amp; process of book cover designing &amp; printing.</li> </ul>
<b>January (18 days)</b>		
<ul style="list-style-type: none"> <li>• Caricature and Character designing</li> <li>• Cartooning</li> </ul>	<ul style="list-style-type: none"> <li>• Caricature &amp; Character building</li> <li>• Cartooning in storyboard</li> </ul>	<ul style="list-style-type: none"> <li>• To learn the special techniques of caricature designing, origination and its purpose of making.</li> <li>• To learn the purpose of cartooning in the storyboard. To create a character according to the storyline.</li> </ul>
	<b>February</b>	
<ul style="list-style-type: none"> <li>• Research Project</li> </ul>	<ul style="list-style-type: none"> <li>• Research on Indian and International artist (one each)</li> </ul>	<ul style="list-style-type: none"> <li>• To know the growth and development of an internationally known artist, their style &amp; variety of work &amp; masterpieces created by them in their lifetime.</li> </ul>