



## SPLIT-UP SYLLABUS-2024-25

### Class – X

#### SUBJECT: ENGLISH

#### TEXTBOOKS:

1. First flight
2. Footprints Without Feet

MONTHS	TOPICS/UNITS/CHAPTERS	LEARNING OUTCOMES
APRIL 2024	<p><b>Literature (First flight)</b></p> <p><b>PROSE</b></p> <p>A letter to God</p> <p>Nelson Mandela A Long Walk To Freedom</p> <p><b>POETRY</b></p> <p>1. Dust of Snow</p> <p>2. Fire and Ice</p> <p><b>Supplementary Reader:</b> <b>(Footprints Without Feet)</b></p> <p>A Triumph of Surgery</p>	<ul style="list-style-type: none"><li>• To understand the plot and character of the story.</li><li>• To understand the importance of faith.</li><li>• To read for meaning in context, thus providing a bank of language to serve as a base for communication in English.</li><li>• To puzzle out the meaning of some unfamiliar words in the story.</li><li>• Understand the consequences of discrimination and how to rise above prejudices.</li><li>• instill a feeling of patriotism and work for the betterment of society by contributing towards achieving humanitarian goals.</li><li>• Strengthen usage of correct grammar while expressing orally and in writing.</li><li>• To appreciate rhyme and style of the poem.</li><li>• To know about symbolism.</li><li>• To identify the poetic devices used in the poem.</li><li>• To realize that nature gives soothing/ healing effect.</li><li>• To understand the difficult words and phrases in the poem.</li><li>• To appreciate the beauty, rhyme and style of the poem.</li><li>• To understand and identify the figures of speech.</li><li>• Enhance creativity and imagination.</li><li>• develop imaginative and analytical skills.</li><li>• To develop imaginative and analytical skills.</li><li>• Students will learn to differentiate between caring and pampering. Importance of parents and their role in their lives.</li></ul>

MAY 2024	<p><b>Literature(First flight)</b>  <b>POETRY</b>  A Tiger in the Zoo</p> <p><b>Grammar</b>  Subject – verb concord</p>	<ul style="list-style-type: none"> <li>To understand the dangers of deforestation.</li> <li>To enable the students to learn to recite poem with proper intonation and rhythm.</li> <li>To understand the responsibility of present generation in preserving the environment and earth.</li> <li>To understand the basics of subject-verb agreement.</li> <li>To choose the correct subject and verb to create a sentence with appropriate subject-verb agreement.</li> </ul>
JUNE 2024	<p><b>Supplementary Reader: (Footprints Without Feet)</b></p> <p>The Thief’s Story</p> <p><b>Grammar</b>  Determiners</p> <p>Letter Writing (Complaint)</p>	<ul style="list-style-type: none"> <li>To enrich vocabulary</li> <li>To understand importance of education.</li> <li>To learn vocabulary and its usage within appropriate context.</li> <li>To identify and use determiners.</li> <li>Use determiners and clauses accurately in speaking and writing the language</li> </ul>
JULY 2024	<p><b>Literature(First flight)</b>  <b>PROSE</b>  3.1. His First Flight</p> <p>3.2. Black Aeroplane</p> <p>From the Diary of Anne Frank</p> <p><b>POETRY</b>  How to Tell Wild Animals</p> <p>The Ball Poem</p> <p><b>Supplementary Reader: (Footprints Without Feet)</b>  The Midnight Visitor</p>	<p>To enhance vocabulary.</p> <ul style="list-style-type: none"> <li>To enable the learners to extrapolate from the given text.</li> <li>To enhance LSRW skills.</li> <li>To make them understand that to succeed one has to put in hard work.</li> <li>To make students believe of the mysteries that exists in this world.</li> <li>To enable them to express themselves in grammatically correct language.</li> <li>To make the students conscious of the scientific invention and discoveries.</li> <li>To understand the importance of teacher.</li> <li>To understand child psychology.</li> <li>To understand student teacher relationship.</li> <li>To learn to accept situations and face them with a lot of courage and find solutions to problems in life.</li> <li>understand the identifying features of few animals.</li> <li>appreciate a different genre (humour).</li> <li>enrich vocabulary and use the same correctly.</li> <li>respect diversity.</li> <li>get well versed with imagery and rhyme scheme.</li> <li>To understand the importance of loss and responsibility in life.</li> <li>To learn to be strong and get on with lives.</li> <li>Learn to accept situations and to let go.</li> <li>To develop imaginative and analytical skills.</li> <li>understand that life is full of unexpected twists and turns.</li> <li>develop the ability to think quickly, act calmly and wisely in a situation of danger or surprise.</li> <li>To enhance vocabulary.</li> </ul>

	<p>A Question of Trust</p> <p><b>Writing</b> Letter Writing (Editor and Enquiry)</p>	<ul style="list-style-type: none"> <li>Analysing as to what you see and hear is not always the truth and to understand that ‘All that glitters is not gold.’</li> <li>To enable the students to use new words and phrases of English.</li> <li>Familiarize the students with different formats of the writing skills</li> </ul>
<p>AUGUST 2024</p>	<p><b>Literature(First flight)</b></p> <p><b>PROSE</b> Glimpses of India</p> <p>Mijbil the Otter</p> <p><b>POETRY</b> Amanda</p> <p><b>Reading Comprehension</b> 1.Discursive passage 2.Case based Factual passage (with visual input/statistical data/ chart etc.200-250words)</p> <p><b>Grammar</b> Tenses</p> <p>Reported Speech</p> <p>Analytical Paragraph</p> <p>Diary Entry/ Story Writing on a given title/cuein 100-120 words.</p> <p>Trees</p>	<ul style="list-style-type: none"> <li>Learners will know about culture and customs of various parts of India.</li> <li>Compare and contrast different cultures, Read and appreciate text and answer questions related to text.</li> <li>Vocabulary building related to tourism, travelogue, Food History . LRSW</li> <li>Learners will be able to appreciate text and answer questions related to text,</li> <li>To speak on owing a Pet,</li> <li>To know about habitats of Otters, Noun Modifiers. LSWR skills</li> <li>To learn the use of imperatives,</li> <li>To enable the students, know more about the poet or background of the poem.</li> <li>To enable the students, acquire a few grammar items, stress patterns, punctuation, pronunciation, rhyme and rhythm</li> <li>Comprehend the given passage, analyse the text, infer the theme/ideas, interpret the topic, expand their vocabulary and develop an understanding of different text genres.</li> <li>To know about the different forms of tenses</li> <li>To learn about the characteristics difference between direct and indirect speech.</li> <li>To learn about the change in pronoun.</li> <li>To learn about the change in time reference.</li> <li>To analyze and explain a text or data and then describe it in simple and clear language.</li> <li>To compare the natural forests to the artificial ones that man has created inside his house to suit the purpose.</li> <li>To imagine the tree as a symbol of mankind.</li> <li>To revise about various poetic devices like Imagery, Personification, Simile, Free verse.</li> <li>To do strengths ‘and weaknesses ‘study of their own personality.</li> </ul>

**HALF YEARLY EXAMINATION/P.A-II (23 AUGUST 2024 to 9 SEPTEMBER 2024 )**

<p><b>SEPTEMBER 2024</b></p>	<p><b>Literature(First flight)</b>  <b>PROSE</b>          Madam Rides the Bus</p> <p><b>POETRY</b>          Fog</p> <p><b>Supplementary Reader:          (Footprints Without Feet)</b>          Footprints Without Feet</p> <p>The Making of a Scientist</p>	<ul style="list-style-type: none"> <li>• Learners will know about a child's vision and curiosity.</li> <li>• Induction of values and facts of life.</li> <li>• Vocabulary building ,LSRW skills</li> <li>• Students will be well prepared for change in their life and accept it as it is a natural process which is inevitable.</li> <li>• Students learn to identify the Poetic Devices used in the poem.</li> <li>• To enrich the vocabulary of the students to use the same correctly.</li> <li>• To enable the students to understand the difficult words and phrases in the lesson.</li> <li>• To acquaint the students with the story.</li> <li>• To enable the students to develop sensitivity towards animals.</li> </ul>
<p><b>OCTOBER 2024</b></p>	<p><b>Literature(First flight)</b>          The Sermon at Benares</p> <p>The Proposal (Play)</p> <p><b>POETRY</b>          The Tale of Custard the Dragon          For Anne Gregory</p> <p><b>Supplementary Reader:          (Footprints Without Feet)</b>          The Necklace</p> <p>Bholi</p> <p>The Book that Saved the Earth</p>	<ul style="list-style-type: none"> <li>• Learners will know about Buddha and his teaching. They will be</li> <li>• able to Extract relevant information,</li> <li>• identify the central theme and</li> <li>• To compare and contrast Indian and Russian societies.</li> <li>• Character sketch, appreciate HUMOUR OF LANGUAGE AND CHARACTERS Vocabulary building. LSRW skills</li> <li>• Analysing skill of students will be enhanced.</li> <li>• Students learn to identify the Poetic Devices used in the poem.</li> <li>• To enable the students to know their strengths and weaknesses.</li> <li>• To infer the meaning of unfamiliar words and phrases.</li> <li>• To know that satisfaction leads to contentment which is a key to happiness.</li> <li>• To understand that acceptance of mistake will make the life easier in contrast to hiding the truth and paying for it later/or ruining your inner peace.</li> <li>• To sensitize the students to the importance of education.</li> <li>• To explain the importance of emotional security and family support for children.</li> <li>• To indicate the need of love, encouragement and education for the disabled to fight against their odds.</li> <li>• To introduce the concept of Aliens, Martians.</li> <li>• To help the students think futuristically.</li> </ul>
<p align="center"><b>PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)</b></p>		

**SUBJECT-HINDI**

**TEXTBOOKS:**

1. स्पर्श भाग -२
2. संचयन भाग -२
3. व्यावहारिक व्याकरण

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<b>स्पर्श काव्य खण्ड-</b> 1- साखी  <b>स्पर्श गद्य खण्ड –</b> 1-बड़े भाई साहब	<ul style="list-style-type: none"><li>• भारतीय संत परम्परा से अवगत होना, भारतीय चिंतन परंपरा की समझ विकसित करना</li><li>• आदर्शों को स्वीकार कर अपनी कल्पनाशक्ति और रचनात्मकशक्ति का विकास करना</li></ul>
JUNE	<b>स्पर्श काव्य खण्ड-</b> २-मीरा के पद  <b>स्पर्श गद्य खण्ड –</b> 2-डायरी का एक पन्ना  <b>रचनात्मक लेखन –</b> 1-अपठित गद्यांश	<ul style="list-style-type: none"><li>• भारतीय चिंतन परंपरा की समझ विकसित करना</li><li>• देश प्रेम , त्याग , बलिदान , धैर्य , साहस , सहयोग तथा स्वतंत्रता के महत्त्व को समझना<ul style="list-style-type: none"><li>• छात्रों की बौद्धिक गहराई की जाँच करना।</li><li>• इससे हमारे अभिव्यक्ति कौशल में वृद्धि होती है।</li><li>• भाषिक योग्यता में वृद्धि होती है।</li></ul></li></ul>
JULY	<b>स्पर्श काव्य खण्ड-</b> ३-मनुष्यता  <b>स्पर्श गद्य खण्ड –</b> ३-ततारा वामिरो कथा  <b>संचयन –</b> १-हरिहर काका  <b>व्याकरण –</b> १-पदबंध  <b>रचनात्मक लेखन –</b> १ -अनुच्छेद लेखन	<ul style="list-style-type: none"><li>• आदर्शों को स्वीकार कर अपनी कल्पनाशक्ति और रचनात्मकशक्ति का विकास करना</li><li>• सच्चे प्रेम , त्याग , बलिदान साहस , धैर्य जैसे गुणों का विकास करना</li><li>• मानवीय मुक्यों की कद्र करना</li><li>• रिश्तों का सम्मान एवं आदर</li><li>• धर्म के नाम पर फैले ढोंग को ना स्वीकारना</li><li>• स्वाभिमान एवं स्वतंत्रता के महत्त्व को समझना</li><li>• भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना</li><li>• भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना</li></ul>

AUGUST	<p><b>स्पर्श काव्य खण्ड-</b> ४-पर्वत प्रदेश में पावस</p> <p><b>स्पर्श गद्य खण्ड –</b> ४-तीसरी कसम के शिल्पकार</p> <p><b>संचयन –</b> २-सपनों के से दिन</p> <p><b>व्याकरण –</b> २-रचना के आधार पर वाक्य रूपांतरण</p> <p><b>रचनात्मक लेखन –</b> २-पत्र लेखन</p>	<ul style="list-style-type: none"> <li>• प्रकृति से प्रेम करने की शिक्षा कल्पनाशक्ति और रचनात्मकशक्ति का विकास करना</li> <li>• संघर्ष,साहस,धैर्य जैसे गुणों का विकास करना</li> <li>• शिक्षक -छात्र के आपसी प्रेम एवं व्यवहार को प्रकट करना बचपन की मधुर स्मृतियों की याद</li> <li>• भाषिक योग्यता में वृद्धि होती है।व्याकरण के नियमों को समझना</li> <li>• भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है।</li> </ul>
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**HALF YEARLY EXAMINATION/P.A-II (23 AUGUST 2024 to 9 SEPTEMBER 2024 )**

SEPTEMBER	<p><b>स्पर्श काव्य खण्ड-</b> 5-तोप 6-कर चले हम फ़िदा</p> <p><b>स्पर्श गद्य खण्ड –</b> 5-अब कहाँ दूसरों के दुःख में दुखी होने वाले 6-पतझर में टूटी पत्तियाँ</p> <p><b>संचयन –</b> ३-टोपी शुक्ला</p> <p><b>व्याकरण –</b> ३-समास 4-मुहावरे</p> <p><b>रचनात्मक लेखन –</b> ३-सूचना लेखन ४-विज्ञापन लेखन</p>	<ul style="list-style-type: none"> <li>• स्वतंत्रता के महत्त्व को समझाना अच्छाई की जीत और बुराई की सदैव हार की सीख</li> <li>• स्वतंत्रता के महत्त्व को समझाना ,अच्छाई की जीत और बुराई की सदैव हार की सीख ,देशभक्ति की भावना का विकास</li> <li>• आदर्शों को स्वीकार कर अपनी कल्पनाशक्ति और रचनात्मकशक्ति का विकास करना</li> <li>• अत्यधिक व्यस्त जीवनशैली और उसके दुष्परिणामों से अवगत करवाना प्रकृति से प्रेम एवं उसके महत्त्व को समझाना ,संस्कृति के महत्त्व को और उसकी मान्यताओं को स्वीकार करना</li> <li>• भारत की विविधता में एकता का सन्देश जाति -धर्म से उपर उठकर इंसानियत और मानवता का सन्देश प्रेम एवं अपनेपन का सन्देश बचपन की मासूमियत ,अपनेपन एवं प्रेमभाव की झलक</li> <li>• व्याकरण के नियमों को समझना भाषा की नियमबद्ध प्रकृति को समझना और उसका विश्लेषण करना</li> <li>• रुचिकर एवं संवेदनशील भाषा द्वारा अपनी बात को प्रभावी ढंग से रखना ,भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना</li> </ul>
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OCTOBER	<p><b>स्पर्श काव्य खण्ड-</b> 7-आत्मत्रान</p> <p><b>स्पर्श गद्य खण्ड –</b> 7-कारतूस</p> <p><b>रचनात्मक लेखन –</b> 5-लघुकथा लेखन 6-ई -मेल लेखन</p>	<ul style="list-style-type: none"> <li>संघर्ष,साहस,धैर्य जैसे गुणों का विकास करना</li> <li>देश प्रेम ,त्याग ,बलिदान जैसे गुणों का विकास करना</li> <li>रुचिकर एवं संवेदनशील भाषा द्वारा अपनी बात को प्रभावी ढंग से रखना</li> <li>भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना छात्रों के अभिव्यक्ति कौशल में वृद्धि होती है।</li> </ul>
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**PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)**

**SUBJECT-SANSKRIT**

**TEXTBOOKS:**

- शेमुषी (Sub code - 122) – द्वितीयभाग:
- व्याकरणम् वीथि

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<p>पाठ: 1-शुचिपर्यावरणम्</p> <p>पाठ: 2 बुद्धिर्वलवती सदा</p> <p>व्याकरणम् –</p> <p>सन्धि:(व्यंजन,विसर्ग:च),</p> <p>पत्रलेखनम्</p>	<ul style="list-style-type: none"> <li>अस्माकं जीवने प्रकृति: शरणम्। प्रकृते: रक्षा कर्तव्या। अतः प्रकृति: विषयं ज्ञानलाभः भविष्यति ।</li> <li>बुद्धिमती केन उपायेन पितुर्गृहं प्रति जगाम इति विषयं बोधः भवति। विषयगतव्याकरणस्य ज्ञानलाभः भविष्यति ।</li> <li></li> </ul>
JUNE	<p>पाठ: 4 शिशुलालनम्</p> <p>व्याकरणम् – प्रत्ययाः – तद्धिताः , स्त्रीप्रत्ययाः । अशुद्धिसंशोधनम्</p>	<ul style="list-style-type: none"> <li>रामायणविषयकं ज्ञानलाभः भविष्यति ।</li> <li>विषयगतव्याकरणस्य ज्ञानम् । यथा – सन्धिः, समास , प्रत्ययः ।</li> </ul>
JULY	<p>पाठ: 5 जननी तुल्यवत्सला</p> <p>व्याकरणम् – समासः , समयः( सामान्यं , सार्धं, सपाद , पादोन )</p>	<ul style="list-style-type: none"> <li>जननी सर्वदा पुत्रं प्रति स्नेहवत्सला भवति। जननी पुत्रस्य दुःखं दृष्ट्वा माता अपि रोदिति। माता कथं तुल्यवत्सला भवति इति विषयकं ज्ञानं भविष्यति।</li> </ul>
	<p>पाठ: सुभाषितानि 6</p> <p>व्याकरणम् – संख्या(1-100) , चित्रवर्णनम् , अव्ययः ,</p>	<ul style="list-style-type: none"> <li>सुभाषितानिक्षोकस्य ज्ञानलाभः भविष्यति। किञ्च श्लोकस्य अन्वयस्य ज्ञानम् ।</li> </ul>

AUGUST	पाठ: 7 सौहार्द प्रकृते: शोभा पाठ: 8 विचित्र: साक्षी  व्याकरणम् – वाच्यपरिर्वनम्, अनुवादः, घटनानुसारं वाक्यलेखनम्	<ul style="list-style-type: none"> <li>• प्रकृते: शोभायाः ज्ञानम्। व्याकरणगतविषयकं ज्ञानलाभः भविष्यति। वनस्य दृश्यम्।</li> <li>• साक्षी कथं भवेत् इतिविषयकं ज्ञानलाभः भविष्यति।</li> <li>• विचित्रा दैवगतिः विषयस्य ज्ञानलाभः भविष्यति।</li> </ul>
<b>HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024 )</b>		
SEPTEMBER	पाठ: 9 सूक्तयः व्याकरणम् – प्रश्ननिर्माणम्, शब्दरूपम्, धातुरूपम्	<ul style="list-style-type: none"> <li>• सुभाषितानिक्षोकस्य ज्ञानलाभः भविष्यति। किञ्च श्लोकस्य अन्वयस्य ज्ञानं भविष्यति।</li> <li>•</li> </ul>
	पाठ: 10 अन्योक्तयः व्याकरणम् – अन्वयः,	<ul style="list-style-type: none"> <li>• सुभाषितानिक्षोकस्य ज्ञानलाभः भविष्यति। किञ्च श्लोकस्य अन्वयस्य ज्ञानं भविष्यति।</li> <li>• व्याकरणस्य ज्ञानं भविष्यति।</li> </ul>
<b>PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)</b>		

### SUBJECT-MATHEMATICS

#### TEXTBOOKS:

1. Mathematics - Textbook for class X - NCERT Publication
2. Mathematics exemplar problems for class X, NCERT publication

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOME
APRIL	REAL NUMBERS	<ul style="list-style-type: none"> <li>• To understand the Fundamental Theorem of Arithmetic.</li> <li>• Able to prove the irrationality of <math>\sqrt{2}</math>, <math>\sqrt{3}</math>, <math>\sqrt{5}</math></li> </ul>
	POLYNOMIAL	To understand and apply the concepts of <ul style="list-style-type: none"> <li>• Zeros of a polynomial.</li> <li>• Relationship between zeros and coefficients of quadratic polynomials.</li> </ul>
	LINEAR EQUATIONS IN TWO VARIABLES	<ul style="list-style-type: none"> <li>• Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency.</li> <li>• Algebraic conditions for number of solutions.</li> <li>• Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination.</li> </ul>



JUNE	QUADRATIC EQUATIONS	<p>To understand and apply the concept of</p> <ul style="list-style-type: none"> <li>Solutions of quadratic equations (only real roots)</li> <li>Relationship between discriminant and nature of roots.</li> <li>Situational problems based on quadratic equations</li> </ul>
	COORDINATE GEOMETRY	<ul style="list-style-type: none"> <li>To understand the concept of coordinate geometry, graphs of linear equations.</li> <li>Able to apply Distance formula and Section formula (internal division).</li> </ul>
JULY	TRIANGLES	<ul style="list-style-type: none"> <li>To define, understand examples, counter examples of similar triangles.</li> </ul>
	CIRCLES	<ul style="list-style-type: none"> <li>Understand the tangent to a circle and its properties.</li> <li>Prove and apply theorems related to tangents to a circle.</li> </ul>
	AREAS RELATED TO CIRCLES	<ul style="list-style-type: none"> <li>Apply formulas of Area of sectors and segments of a circle.</li> <li>Solve the Problems based on areas and perimeter / circumference of the above said plane figures.</li> </ul>
AUGUST	SURFACE AREAS AND VOLUMES	<ul style="list-style-type: none"> <li>Gain the Knowledge of Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.</li> </ul>
	STATISTICS	<ul style="list-style-type: none"> <li>To understand the concept, Mean, median and mode of grouped data.</li> </ul>
<b>HALF YEARLY EXAMINATION/P.A-II (23 AUGUST 2024 to 9 SEPTEMBER 2024 )</b>		
SEPTEMBER	INTRODUCTION TO TRIGONOMETRY	<ul style="list-style-type: none"> <li>To understand Trigonometric ratios of an acute angle of a right-angled triangle.</li> <li>Understand Relationships between the ratios and apply the concept of trigonometric identities.</li> </ul>
	HEIGHTS AND DISTANCES	<ul style="list-style-type: none"> <li>To solve Simple problems on heights and distances</li> </ul>
OCTOBER	ARITHMETIC PROGRESSIONS	<ul style="list-style-type: none"> <li>To understand the concept of derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.</li> </ul>
	PROBABILITY	<ul style="list-style-type: none"> <li>To understand Classical definition of probability.</li> <li>Solving Simple problems on finding the probability of an event.</li> </ul>
<b>PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)</b>		

**SUBJECT-SCIENCE**

**TEXTBOOKS:**

1. Science - Textbook for class-X, NCERT Publications
2. Science Exemplar Problems class-X, NCERT Publications

<b>MONTHS</b>	<b>UNIT/ CHAPTER / TOPIC</b>	<b>LEARNING OUTCOMES</b>
APRIL	Ch-1 Chemical Reactions and Equations	Enable students to <ul style="list-style-type: none"> <li>• recognise the physical and chemical processes associated with biological and industrial process.</li> <li>• understand chemical processes occurring in daily life.</li> <li>• apply the principle of conservation of mass to balance chemical reaction.</li> </ul>
	Ch- 2 Acids, Bases and Salts	Enable students to <ul style="list-style-type: none"> <li>• learn the chemical properties of acids and bases.</li> <li>• describe the methods of preparation, properties and uses of Bleaching Powder, Baking Soda, Washing Soda and POP.</li> <li>• Compare chemical properties of acids / bases. pH of given solution and its importance in daily life.</li> </ul>
JUNE	Ch- 2 Acids, Bases and Salts (Contd.....)	Enable students to <ul style="list-style-type: none"> <li>• learn the chemical properties of acids and bases.</li> <li>• describe the methods of preparation, properties and uses of Bleaching Powder, Baking Soda, Washing Soda and POP.</li> </ul>
	Ch-11 Electricity	Enable students to <ul style="list-style-type: none"> <li>• Understand topics like electric current, electric circuit, electric potential and potential difference.</li> <li>• Draw symbols of some commonly used components in circuit diagrams.</li> <li>• Learn the formulas and units of electric current, electric potential and potential difference etc.</li> </ul>
JULY	Ch-11 Electricity (Contd.....)	Enable students to <ul style="list-style-type: none"> <li>• Understand topics like electric current, electric circuit, electric potential and potential difference.</li> <li>• Draw symbols of some commonly used components in circuit diagrams.</li> </ul>
	Ch-5 Life Processes	Enable students to <ul style="list-style-type: none"> <li>• learn the concept of life processes and nutrition in plants and animals.</li> <li>• learn the method of preparing temporary mount</li> </ul>
	Ch-6 Control & Co-ordination	Enable students to <ul style="list-style-type: none"> <li>• learn about the structure and arrangements of neurons. Reflex involuntary and voluntary actions.</li> <li>• understand the concept of Human nervous system as well as chemical coordination in animals.</li> </ul>

	Ch-7 How do organisms reproduce?	Enable students to <ul style="list-style-type: none"> <li>study the binary fission and budding in Amoeba and yeast through permanent slides.</li> <li>Learn to dissect the and study the parts of flower (unisexual and bisexual)</li> </ul>
AUGUST	Ch-7 How do organisms reproduce? (Contd.....)	Enable students to <ul style="list-style-type: none"> <li>study the binary fission and budding in Amoeba and yeast through permanent slides.</li> <li>Learn to dissect the and study the parts of flower (unisexual and bisexual)</li> </ul>
	Ch-3 Metals and Non-Metals	Enable students to <ul style="list-style-type: none"> <li>Understand the difference between metals and non-metals, minerals and ores Various steps of metallurgy Chemical Reactions involved in extraction of metals Properties of Alloys</li> </ul>
<b>HALF YEARLY EXAMINATION/P.A-II (23 AUGUST 2024 to 9 SEPTEMBER 2024 )</b>		
SEPTEMBER	Ch- 4 Carbon and its Compounds	Enable students to <ul style="list-style-type: none"> <li>learn covalent nature of carbon</li> <li>understand unique nature of carbon</li> </ul>
	Ch-8 Heredity	Enable students to <ul style="list-style-type: none"> <li>Pedigree Analysis of individually for their family member's Height, Color of eye, Hair color, Blood group, Ear lobes, Eye disorder, diabetes.</li> <li>understand that how sex is determined in human</li> </ul>
	Ch-13 Our Environment	Enable students to <ul style="list-style-type: none"> <li>learn about ecosystem and its components.</li> <li>understand about food chain, food web, various trophic levels and ecological pyramids understand about global warming and its causes which effect the ozone layer.</li> </ul>
OCTOBER	Ch-9 Light - Reflection and Refraction	Enable students to <ul style="list-style-type: none"> <li>Recall reflection of light and laws of reflection.</li> <li>Recognize spherical mirrors. Represent images formed by spherical mirrors using Ray diagrams.</li> <li>Classify image formation by concave and convex mirrors. Solve numerical on Mirror formula &amp; Lens formula</li> </ul>
OCTOBER	Ch-10 The Human Eye and the Colourful World	Enable students to <ul style="list-style-type: none"> <li>Understand about refractive index.</li> <li>Explore refraction of light through a prism.</li> <li>Observe Dispersion of white light by a glass prism.</li> </ul>
<b>PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)</b>		

**SUBJECT-SOCIAL SCIENCE**

**TEXTBOOKS:**

HISTORY: INDIA AND THE CONTEMPORARY WORLD- II  
 GEOGRAPHY: CONTEMPORARY INDIA  
 SOCIAL AND POLITICAL LIFE: DEMOCRATIC POLITICS-II  
 ECONOMICS: UNDERSTANDING ECONOMIC DEVELOPMENT

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<b>Political Science</b> Ch-1 Power Sharing	Enable students <ul style="list-style-type: none"> <li>To develop an understanding of power sharing</li> <li>Compare and analyse the situation of Belgium &amp; Sri Lanka.</li> </ul>
	<b>Geography</b> Ch-1 Resources and Development	Enable students <ul style="list-style-type: none"> <li>To identify different types of soil, minerals, renewable and non-renewable energy resources, etc.</li> <li>Classify types of resources &amp; minerals</li> </ul>
	<b>Economics</b> Ch 1 Development	Enable students to <ul style="list-style-type: none"> <li>Assess the impact of conservation of natural resources on the life of people in any area in view of sustainable development.</li> </ul>
JUNE	<b>History</b> Ch-1 The Rise of Nationalism in Europe	Enable students <ul style="list-style-type: none"> <li>Recall names, places, dates and people associated with some important historical events and developments such as the French Revolution, nationalism, industrialisation, globalisation and urbanisation.</li> </ul>
	<b>Political Science</b> Ch-2 Federalism	Enable students <ul style="list-style-type: none"> <li>To compare the powers and functions of state and central government in India.</li> </ul>
	<b>Geography</b> Ch-2 Forest and Wildlife Resources	Enable students to <ul style="list-style-type: none"> <li>Understand the importance of forest as a resource as well as develop awareness towards judicious use and its conservation</li> </ul>
JULY	<b>History</b> Ch-2 Nationalism in India	Enable students to <ul style="list-style-type: none"> <li>Define terms and concepts such as, nationalism, colonialism, orientalism, democracy, satyagraha, and liberty.</li> <li>Compare visuals such as, the image of Bharat Mata with the image of Germania.</li> <li>Explain the cause and effect between different historical events and developments such as, the impact of print culture on the growth of nationalism in India.</li> </ul>
	<b>Economics</b> Ch-2 Sectors of the Indian Economy	Students will able to <ul style="list-style-type: none"> <li>Realise the importance of economic activities in the growth and development of country's economy.</li> </ul>
	<b>Political Science</b> Ch-3 Gender, Religion and Caste	Enable students to <ul style="list-style-type: none"> <li>Compare and contrast women participation in Indian politics by early and modern times.</li> <li>Justify how caste system is inherited in politics.</li> </ul>

		<ul style="list-style-type: none"> <li>Explain the link between religion, communalism and politics.</li> </ul>
AUGUST	<b>History</b> Ch-3 The Making of a Global World	Enable students <ul style="list-style-type: none"> <li>Assess the impact of the global transfer of disease in the pre-modern world in different regions of the world, for example, in the colonisation of America.</li> </ul>
	<b>Geography</b> Ch-3 Water Resource Ch-4 Agriculture	Enable students to <ul style="list-style-type: none"> <li>Analyse indigenous or modern methods of conservation of water.</li> <li>Explain factors responsible for production of different crops in India.</li> </ul>
	<b>Economics</b> Ch-3 Money and Credit	Enable students to <ul style="list-style-type: none"> <li>List different forms of money and sources of credit.</li> <li>Identify the modern forms of money.</li> <li>Understand the role and importance of SHG's in improving the economic life of rural people.</li> </ul>
<b>HALF YEARLY EXAMINATION/P.A-II (23 AUGUST 2024 to 9 SEPTEMBER 2024)</b>		
SEPTEMBER	<b>History</b> Ch-4 The age of Industrialisation	Enable students to <ul style="list-style-type: none"> <li>Understand the process of industrialisation.</li> <li>Reason the industrial growth of India during WWI</li> <li>Analyse the role of advertisement in creating new consumers in the market.</li> </ul>
	<b>Geography</b> Ch-5 Minerals and Energy Resources Ch-6 Manufacturing Industries	Enable students to <ul style="list-style-type: none"> <li>Create awareness about the importance of conservation of minerals and energy resources.</li> <li>Comprehend the importance of manufacturing industries in economic growth.</li> </ul>
	<b>Political Science</b> Ch-4 Political Parties	Enable students to <ul style="list-style-type: none"> <li>Understand the importance of political parties in a democracy.</li> <li>Explains the policies and programmes of different political parties in the states of India.</li> </ul>
	<b>Economics</b> Ch- 4 Globalisation and the Indian Economy	Enable students to <ul style="list-style-type: none"> <li>Familiarise with the basic concepts like globalisation, liberalisation, privatisation, MNC's and trade barriers.</li> <li>Analyse the merits and demerits of Globalisation.</li> </ul>
OCTOBER	<b>History</b> Ch-5 Print culture and the modern world	Enable students to <ul style="list-style-type: none"> <li>Establish the link between print culture and circulation of ideas.</li> <li>Explain how print culture developed in Europe and India.</li> </ul>
	<b>Geography</b> Ch-7 Lifelines of National Economy	Enable students to <ul style="list-style-type: none"> <li>Understand the need of a set of networks for transportation and communication.</li> <li>Make a comparison between different modes of transportation and communication</li> <li>Understanding their role in enhancing trade, commerce and tourism.</li> </ul>
	<b>Political Science</b>	Enable students to

	Ch-5 Outcomes of Democracy	<ul style="list-style-type: none"> <li>Realise the importance of citizen's participation in decision making</li> <li>Inculcate the value of dignity and freedom of individuals in a democracy.</li> </ul>
	<b>Economics</b> Ch- 5 Consumer Rights	Enable students to <ul style="list-style-type: none"> <li>Identify and discuss the major consumer rights.</li> <li>Describe regulations &amp; legal actions that help protect the consumers.</li> </ul>
<b>PRE-BOARD EXAMINATION (12 NOVEMBER 2024 to 25 NOVEMBER 2024)</b>		

**SUBJECT- Information Technology Code- 402**

**TEXTBOOKS:**

Revised Excel in Information Technology by Creative Kids Cordova Publication.

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<b>Part-A</b> <b>Unit-1:</b> Communication Skill-II	Student will learn about <ul style="list-style-type: none"> <li>Verbal Communication, Non-Verbal Communication, Communication Cycle and Feedback, Barriers to Effective communication</li> </ul>
JUNE	<b>Unit-1:</b> Communication Skill-II Continue...	Student will learn about Principle of Effective Communication, Writing Skills
JULY	<b>Unit-2:</b> Self-Management Skill-II	Student will learn about <ul style="list-style-type: none"> <li>Stress management, Importance to the ability to work Independently.</li> </ul>
	<b>Unit-3:</b> ICT Skill-II	Student will learn about Basic computer operation, Operating System, Windows 10 OS, File System, Basic Skills for Care and Maintenance of Computer
	<b>Part-B</b> <b>Unit 1:</b> Digital Documentation(Advance)	Student will learn about <ul style="list-style-type: none"> <li>Creating and managing styles, Working with images, insert and use images in a document, insert and using drawing objects, working with templates, Creating and customizing table of contents, Create table of contents</li> </ul>
<b>HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024 )</b>		
AUGUST	<b>Unit-4:</b> Entrepreneurial Skill-II	Student will learn about Entrepreneurship and society, Qualities and functions of an Entrepreneur, Role and importance of an Entrepreneur, Myths about Entrepreneur, Entrepreneurship as a carrier.
	<b>Unit 5:</b> Green Skill-II	Student will learn about Sustainable Development, importance of Sustainable Development, Problems and Solutions related to sustainable development.
SEPTEMBER	<b>Unit 2:</b> Electronic Spreadsheet (Advance)	Student will learn about <ul style="list-style-type: none"> <li>Analysis data using Scenarios and Goal Seek, Link Data and Spreadsheet, Share and Review a Spreadsheet, Create and use Macros in Spreadsheet.</li> </ul>

	<b>Unit 3: Database Management System</b>	Student will learn about • Database Concept, Creating and Editing Tables, Perform Operations on a Table, Retrieve data using Query, Create Forms and reports using Wizard
OCTOBER	<b>Unit 4: Web Application and Security</b>	Student will learn about • Working with Accessibility Options, Networking fundamentals, Introduction to instant messaging, Chatting with a contact, creating and publishing webpages-Blogs, Using an offline Blog Editor, Online Transactions, Internet Security, Maintain Workplace Safety, Prevent accidents and Emergencies, Protect Health and Safety at Works.
NOVEMBER	PRE BOARD	PRE BOARD - 1 WILL BE CONDUCTED
DECEMBER	Practical Work /Project/ Viva Voce	
JANUARY- FEBRUARY	REVISION FOR ANNUAL EXAMINATION	

### SUBJECT-PHYSICAL EDUCATION

MONTH	TOPIC	LEARNING OUTCOME
<b>APRIL</b>	1. Badminton, Football, Kho-Kho, Volleyball, and Indoor Games	<ul style="list-style-type: none"> <li>• Improve hand-eye coordination and reflexes.</li> <li>• Enhance cardiovascular fitness and stamina.</li> <li>• Foster teamwork and cooperation among players.</li> <li>• Enhance cognitive skills such as problem-solving and critical thinking.</li> </ul>
<b>JUNE</b>	1. Introduction of Physical Education, Introduction of Physical Fitness,	<ul style="list-style-type: none"> <li>• Understand the historical development and significance of physical education in promoting overall health and well-being.</li> <li>• Recognize the components and principles of physical fitness, including cardiovascular endurance, muscular strength, flexibility, and body composition.</li> <li>• Apply basic knowledge of physical education and fitness concepts to create and maintain a personal fitness plan for improved health outcomes.</li> </ul>
<b>JULY</b>	1. Yoga and meditation – Surya Namaskar, Utkatasana, Salvasana, Bindu Trata	<ul style="list-style-type: none"> <li>• Develop an understanding of various yoga poses such as Surya Namaskar, Utkatasana, Salvasana, and Bindu Trata.</li> <li>• Learn techniques to improve physical strength, flexibility, and balance through regular practice of yoga.</li> </ul>
<b>AUGUST</b>	1. First Aid and Emergency Handling, Tournaments, Test and Measurement	<ul style="list-style-type: none"> <li>• Participants will demonstrate proficiency in administering basic first aid and effectively handling emergency situations.</li> <li>• Participants will develop skills in organizing and managing tournaments, including scheduling, team coordination, and logistics.</li> <li>• Participants will gain competence in conducting accurate test and measurement processes, ensuring reliable data collection and analysis.</li> </ul>

<b>SEPTEMBER</b>	<b>Safety Education</b> 1. Meaning & Importance of Safety Education. 2. Safety measures against injuries and drowning, accident in play fields.	<ul style="list-style-type: none"> <li>Understand the meaning and significance of safety education in promoting a secure and healthy environment.</li> <li>Identify and implement safety measures to prevent injuries and accidents, especially in play areas and aquatic environments.</li> <li>Demonstrate knowledge of emergency protocols and responses to ensure swift and effective action in case of emergencies.</li> </ul>
<b>OCTOBER</b>	Safety in class room & play fields.	<ul style="list-style-type: none"> <li>Recognizing potential hazards in classrooms and playfields.</li> <li>Implementing safety protocols and procedures effectively.</li> </ul>

### SUBJECT-DANCE

<b>MONTHS</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
<b>APRIL</b>	1. Basic Steps of Bharatnatyam Tirumanam Adavu 2. Bharatnatyam Item Alarippu basic steps	<ul style="list-style-type: none"> <li>Students will be able to demonstrate proficiency in executing the basic steps of Bharatnatyam Tirumanam Adavu, showcasing rhythmic footwork and graceful hand gestures.</li> <li>Students will be able to understand of Bharatnatyam by performing the basic steps of the Alarippu, a fundamental item in the repertoire.</li> </ul>
<b>JUNE</b>	1. Recapitulation Bharatnatyam Item Alarippu	<ul style="list-style-type: none"> <li>The recapitulation of the Bharatnatyam item Alarippu demonstrated a thorough understanding of its rhythmic intricacies and expressive elements.</li> <li></li> </ul>
<b>JULY</b>	1. Basic steps of Bharatnatyam Kuditamitta Adavu no 1 to 4 2. Introduction Contemporary dance 3. Contemporary dance basic steps	<ul style="list-style-type: none"> <li>Students will acquire a foundational understanding of Bharatnatyam by mastering the initial sequences of Kuditamitta Adavu, comprising steps 1 to 4.</li> <li>Students will be able to develop an understanding of contemporary dance basics, applying techniques such as weight transfer.</li> </ul>
<b>AUGUST</b>	1. Introduction of patriotic dance 2. Independence Day dance preparation	<ul style="list-style-type: none"> <li>Students will be able to demonstrate the ability to perform and interpret patriotic dances with respect to their historical and cultural contexts.</li> <li>enhance students' coordination, teamwork, and cultural appreciation through choreography and music selection.</li> </ul>
<b>SEPTEMBER</b>	1. Basic Steps of Garba dance 2. Tisra Talam practice	<ul style="list-style-type: none"> <li>Students will be able to showcasing their ability to engage and participate in traditional celebrations.</li> <li>Students will be able to practice Tisra Talam enhances rhythmic proficiency through its unique subdivision of beats.</li> </ul>
<b>OCTOBER</b>	1. Diwali dance preparation	<ul style="list-style-type: none"> <li>Student will be able to learn traditional and folk dance forms during Diwali dance preparation.</li> </ul>



## SUBJECT-MUSIC

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Welcome song	<ul style="list-style-type: none"> <li>• Enable to practice different values such as, cooperation, team work, sharing, empathy, discipline, compassion &amp; respect for diversity</li> <li>• To develop In-tune singing skills</li> </ul>
JUNE	Motivational song with instruments	<ul style="list-style-type: none"> <li>• Enable to Identify different rhythm</li> </ul>
JULY	National Anthem with instruments preparation	<ul style="list-style-type: none"> <li>• classifies varied types of musical instruments.</li> <li>• perform varied patterns of notes in different Ragas and rhythmic structures in different talas</li> </ul>
AUGUST	Patriotic song preparation	<ul style="list-style-type: none"> <li>• To develop Patriotism</li> <li>• To develop Theatrical Knowledge</li> </ul>
SEPTEMBER	Janmastami/Shastri and Gandhi Jayanti song preparation	<ul style="list-style-type: none"> <li>• To develop Theatrical Knowledge &amp; Creativity</li> </ul>
OCTOBER	Diwali song preparation	<ul style="list-style-type: none"> <li>• classifies different styles of singing and categories of musical instruments</li> <li>• Develop Rhythm skill</li> </ul>

## SUBJECT-ART & CRAFT

MONTH	TOPIC	LEARNING OUTCOMES
APRIL	Basic Fundamental Course in Visual Art Still life-different element from our daily life- acrylic color	<ul style="list-style-type: none"> <li>• Students will learn different Drawing technique and process like, proportion, perspective, shading and blending</li> <li>• Understand the color code value.</li> <li>•</li> </ul>
JUNE	Still life study- Acrylic color Final art work	<ul style="list-style-type: none"> <li>• Students will learn Drawing technique and process like, proportion, perspective, shading and blending techniques.</li> <li>• Understand the color code value.</li> <li>•</li> </ul>
JULY	Textile-T shirt paint-basic steps	<ul style="list-style-type: none"> <li>• Student will Learn basic textile art technique.</li> <li>• learn tie and dye technique.</li> <li>• Develop creative mind.</li> </ul>
AUGUST	Independence Day Decoration	<ul style="list-style-type: none"> <li>• Develop the spirit of Team work</li> <li>• develop fine motor skill.</li> </ul>
SEPTEMBER	Clay modeling- Basic steps Mask making with paper clay- step by step	<ul style="list-style-type: none"> <li>• To understand how to create a 3D form in visual art.</li> <li>• Basic modeling technique with mixed media.</li> <li>• To develop artistic mind.</li> </ul>
OCTOBER	Wall painting/3D art on canvas- mandala art.	<ul style="list-style-type: none"> <li>• To understand how to create a 3D form in visual art.</li> <li>• Basic modeling technique with mixed media.</li> <li>• To create the 3D canvas art.</li> </ul>