



# DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)

Affiliated to C.B.S.E., New Delhi Affiliation No.330530, School Code - 65572

## SPLIT-UP SYLLABUS FOR CLASS-X FOR THE ACADEMIC SESSION: 2025-26

Subject: English Language and Literature (184)

Prescribed Books: 1. First Flight (FF) (NCERT)  
2. Footprints Without Feet (FWF) (NCERT)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>First Flight: CH-1 A Letter to God</li> <li>First Flight: P-1 Dust of Snow</li> <li>First Flight: P-2 Fire and Ice</li> <li>Footprints Without Feet: CH-1 A Triumph of Surgery</li> <li>Footprints Without Feet: CH-2 The Thief's Story</li> <li>Grammar: CH-1 Tenses</li> <li>Grammar: CH-2 Determiners</li> <li>End of the Topic Test</li> </ul>	3 2 2 2 3 2 2 7	<ul style="list-style-type: none"> <li><b>SEA-Letter Writing Activity</b></li> <li>(Ask students to imagine themselves in Lencho's situation, where they are going through a difficult phase and have lost faith in everything. Have them write a letter to God, asking for help.)</li> <li><b>SEA-Group Discussion: The Concept of Trust</b></li> <li>(Lead a group discussion on the role of trust in the story. It will encourage students to think about the importance of trust in relationships and how people can change.)</li> </ul>
May	12		<ul style="list-style-type: none"> <li>First Flight: CH-2 Nelson Mandela-Long Walk to Freedom</li> <li>First Flight: P-3 A Tiger in the Zoo</li> <li>First Flight: CH-3 Two Stories About Flying</li> <li>Writing Skills: Formal Letters</li> <li>End of the Topic Test</li> </ul>	3 2 3 2 2	<ul style="list-style-type: none"> <li><b>SEA-Poetry on Freedom and Justice</b></li> <li>(Students will write a poem inspired by the themes of freedom, justice, and equality. They can reflect on how Mandela's journey towards freedom inspired them to think about these issues in their own lives.)</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>First Flight: P-4 How to Tell Wild Animals</li> <li>First Flight: P-5 The Ball Poem</li> <li>Footprints Without Feet: CH-3 The Midnight Visitor</li> <li>End of the Topic Test</li> </ul>	2 2 3 3	<ul style="list-style-type: none"> <li><b>SEA-Narrative Writing: A Story Inspired by "The Ball Poem"</b></li> <li>(Students will write a short story inspired by the poem. The story could revolve around a child losing a possession, facing an emotional challenge, or learning an important life lesson.)</li> </ul>
July	25		<ul style="list-style-type: none"> <li>First Flight: CH-4 From the Diary of Anne Frank</li> <li>First Flight: P-6 Amanda</li> <li>First Flight CH-5 Glimpses of India</li> <li>Footprints Without Feet: CH-4 A Question of Trust</li> </ul>	3 2 6 2 3	<ul style="list-style-type: none"> <li><b>SEA-Debate on "Preserving Natural Beauty and Cultural Heritage"</b></li> <li>(Students can present arguments on how tourism affects the environment and the cultural fabric of a place and discuss the need for responsible tourism.)</li> </ul>

			<ul style="list-style-type: none"> <li>Footprints Without Feet: CH-5 Footprints Without Feet</li> <li>Writing Skills: Analytical Paragraph</li> <li>Grammar: CH-3 Modal Auxiliaries</li> <li>End of the Topic Test</li> </ul>	1 2 6	<ul style="list-style-type: none"> <li><b>SEA-Interview the Invisible Man</b></li> <li>(Students can interview a classmate portraying Griffin. As the interviewer, students can ask questions about Griffin's motivations, why he chose to become invisible, his feelings toward society, and how he views the consequences of his actions.)</li> </ul>
August	23		<ul style="list-style-type: none"> <li>First Flight: P-7 The Trees</li> <li>First Flight CH-6 Mijbil the Otter</li> <li>First Flight: P-8 Fog</li> <li>First Flight CH-7 Madam Rides the Bus</li> <li>Footprints Without Feet: CH-6 The Making of a Scientist</li> <li>Footprints Without Feet: CH-7 The Necklace</li> <li>Grammar: CH-4 Subject-Verb Concord</li> <li>Grammar: CH-5 Reported Speech</li> <li>End of the Topic Test</li> </ul>	2 2 1 3 3 3 2 2 5	<ul style="list-style-type: none"> <li><b>SEA-Debate: "Should Children Be Allowed to Take Such Risks?"</b></li> <li>(Organise a debate around the question, "Should children be allowed to take such risks as Valli did in her journey?"</li> <li><b>SEA-Character Sketch: Madame Loisel</b></li> <li>(Students will write a character sketch of Madame Loisel, focusing on her personality traits, desires, and motivations. Students should explore her vanity, dissatisfaction with her life, and her dream of wealth and luxury. They can also reflect on how these traits lead to the story's central conflict and tragic ending.)</li> </ul>
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>First Flight: P-9 The Tale of Custard the Dragon</li> <li>First Flight: CH- 8 The Sermon at Benares</li> <li>First Flight: P-10 For Anne Gregory</li> <li>End of the Topic Test</li> </ul>	2 2 2 3	<ul style="list-style-type: none"> <li><b>SEA-Assessment of Speaking and Listening Skills</b></li> <li><b>AIL-Create an artwork that visually represents contrasting concept of inner beauty v/s outer beauty.</b></li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Footprints Without Feet: CH-8 Bholi</li> <li>First Flight: CH-9 The Proposal</li> <li>Footprints Without Feet: CH-9 The Book That Saved The Earth</li> <li>End of the Topic Test</li> </ul>	3 6 4 3	<ul style="list-style-type: none"> <li><b>SEA-Role Play: The Proposal Scene</b></li> <li>(Have students role-play the proposal scene in pairs. One student can play Lomov, another can play Natalya, and a third can play Chubukov. Students can focus on the characters' emotions, their constant bickering, and their inability to communicate effectively.)</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Class Assessment</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Class Assessment</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Class Assessment</li> </ul>
February	22		<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Class Assessment</li> </ul>
March	20				

विषय : हिंदी

निर्धारित पुस्तकें – 1. स्पर्श भाग-2 (NCERT)  
2. संचयन भाग-2 (NCERT)

माह	प्राप्त कालांश के संख्या	कार्य दिवसों की संख्या	परीक्षा का नाम (स्कूल नीति के अनुसार)	अध्याय/इकाई	अनुमानित आवश्यक कालांश (पीरियड)	विषय संवर्धन गतिविधियाँ (एस०ई०ए०)
टर्म-I						
अप्रैल	19	23		<b>स्पर्श : पद्य खंड</b> <ul style="list-style-type: none"> <li>पाठ-1 साखी (कबीर)</li> <li>पाठ-2 पद (मीरा)</li> </ul> <b>स्पर्श : गद्य खंड</b> <ul style="list-style-type: none"> <li>पाठ-8 बड़े भाई साहब</li> </ul> <b>व्याकरण :-</b> पदबंध <b>लेखन :-</b> अनुच्छेद लेखन <ul style="list-style-type: none"> <li>औपचारिक पत्र लेखन</li> </ul> <b>पुनरावृत्ति</b> <b>कक्षा जाँच</b>	03 03 03 03 03 02 01 01	<ul style="list-style-type: none"> <li>मीराबाई भक्तिकाल की प्रसिद्ध कवयित्री थीं। इस काल के अन्य किसी दो कवियों का सचित्र जीवन परिचय लिखना।</li> <li>अपने बड़े भाई/बड़ी बहन से प्राप्त प्रेरणाप्रद सीख को लिखना।</li> </ul>
मई	10	12		<b>स्पर्श : गद्य खंड</b> <ul style="list-style-type: none"> <li>पाठ-9 डायरी का एक पन्ना</li> </ul> <b>संचयन:-</b> पाठ-1 हरिहर काका <b>पुनरावृत्ति</b> <b>कक्षा जाँच</b>	04 04 01 01	<ul style="list-style-type: none"> <li>स्वतंत्रता के संघर्ष पर आधारित किसी क्षेत्रीय स्वतंत्रता संग्राम सेनानी की गाथा लिखना।</li> </ul>
जून	11	13	आवधिक परीक्षा-1	<b>स्पर्श : गद्य खंड</b> <ul style="list-style-type: none"> <li>पाठ-10 ततारा वामीरो कथा</li> </ul> <b>व्याकरण:-</b> रचना के आधार पर वाक्य रूपांतरण <b>पुनरावृत्ति</b> <b>कक्षा जाँच</b>	05 04 01 01	<ul style="list-style-type: none"> <li>एक प्रेरणाप्रद क्षेत्रीय कहानी या लोक कथा लिखना।</li> </ul>

जुलाई	21	25		<p><u>स्पर्श : पद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-3 मनुष्यता</li> </ul> <p><u>स्पर्श : गद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-11 तीसरी कसम के शिल्पकार शैलेंद्र</li> </ul> <p>व्याकरण:- समास अपठित गद्यांश पुनरावृत्ति कक्षा जाँच</p>	06 06 05 02 01 01	<ul style="list-style-type: none"> <li>ऐसे दो व्यक्तियों का सचित्र जीवन परिचय देना, जिसे परोपकार करते हुए विद्यार्थियों ने देखा हो और उनके जीवन से प्राप्त सीख को अपने शब्दों में लिखना।</li> </ul>
अगस्त	19	23		<p><u>स्पर्श : पद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-4 पर्वत प्रदेश में पावस</li> </ul> <p><u>स्पर्श : गद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-12 अब कहाँ दूसरे के दुःख से दुःखी होने वाले</li> <li>पाठ-13 पतझड़ में टूटी पत्तियाँ</li> <li>(क) गिन्नी का सोना</li> <li>(ख) झेन की देन</li> </ul> <p>संचयन:- पाठ 2 सपनों के से दिन व्याकरण:- मुहावरे लेखन:- सूचना लेखन पुनरावृत्ति कक्षा जाँच</p>	03 03 04 04 01 02 01 01	<ul style="list-style-type: none"> <li>भारतवर्ष के क्षेत्रों का संक्षिप्त वर्णन करते हुए पावस ऋतु के प्राकृतिक सौंदर्य का विस्तारपूर्वक वर्णन करना।</li> </ul>
सितम्बर	18	21	मध्यावधि परीक्षा/आवधिक परीक्षा-2	<p><u>स्पर्श : पद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-5 तोप</li> </ul> <p>लेखन:- विज्ञापन लेखन</p> <ul style="list-style-type: none"> <li>लघुकथा लेखन</li> <li>ई-मेल लेखन</li> </ul> <p>पुनरावृत्ति कक्षा जाँच</p>	04 04 04 04 01 01	<ul style="list-style-type: none"> <li>स्वतंत्रता आंदोलन में वजीर अली, टीपू सुल्तान और बंगाल के नवाब शमसुद्दौला खान ने जो योगदान दिया, उसके बारे में संक्षिप्त जानकारी प्राप्त करके लिखना।</li> </ul>
टर्म-II						
अक्टूबर	11	13		<p><u>स्पर्श : पद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-6 कर चले हम फिदा</li> <li>पाठ-7 आत्मत्राण</li> </ul> <p><u>स्पर्श : गद्य खंड</u></p> <ul style="list-style-type: none"> <li>पाठ-14 कारतूस</li> </ul> <p>संचयन:- पाठ 3 टोपी शुक्ला पुनरावृत्ति कक्षा जाँच</p>	02 02 03 02 01 01	<ul style="list-style-type: none"> <li>स्वतंत्रता दिवस पर आधारित वीर रस से युक्त ओजपूर्ण कविता लिखकर कक्षा-कक्ष में प्रस्तुत करना।</li> </ul>

नवम्बर	19	23	आवधिक परीक्षा-3	• पुनरावृत्ति	15	
दिसम्बर	19	22	प्री-बोर्ड परीक्षा-1	• पुनरावृत्ति	07	
जनवरी	19	22	प्री-बोर्ड परीक्षा-2	• पुनरावृत्ति	11	
फरवरी	19	22		• पुनरावृत्ति	10	
मार्च	17	20		• पुनरावृत्ति		

Subject : Mathematics

Prescribed Book :-

1. Mathematics Textbook for class X by NCERT
2. Secondary School Mathematics Class X by R.S Aggarwal (Published Bharti Bhawan)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
<b>TERM-I</b>					
April	23		<b>Real Numbers :-</b> <ul style="list-style-type: none"> <li>The Fundamental Theorem of Arithmetic</li> <li>Proof of irrationality of <math>\sqrt{2}, \sqrt{3}, \sqrt{5}</math></li> </ul> <b>Polynomials:-</b> <ul style="list-style-type: none"> <li>Geometrical Meaning of the Zeroes of a Polynomial</li> <li>Relationship between Zeroes and Coefficients of a Polynomial</li> </ul> <b>Pair of linear equations in two variables:-</b> <ul style="list-style-type: none"> <li>Pair of Linear Equations in Two Variables</li> <li>Graphical Method of Solutions of a pair of Linear Equations</li> <li>Algebraic Methods of Solving a Pair of Linear Equations, simple situational problems.</li> </ul> <b>End of topic test</b>	07  07  07  02	<ul style="list-style-type: none"> <li>To draw a graph of a quadratic polynomial equation and examine that: The shape of the curve when the coefficient of <math>X^2</math> is negative and shape of the curve when the coefficient of <math>X^2</math> is positive</li> <li>Number of zeroes</li> </ul>
May	12		<b>Coordinate geometry:-</b> <ul style="list-style-type: none"> <li>Distance formula</li> <li>Section formula</li> </ul> <b>Introduction to Trigonometry:-</b> <ul style="list-style-type: none"> <li>Trigonometric Ratios</li> </ul>	08  04	
June	13	Periodic Test-I	<b>Introduction to Trigonometry:- (Continued)</b> <ul style="list-style-type: none"> <li>Trigonometric Ratios of some specific Angles</li> <li>Trigonometric Identities</li> <li><b>End of topic test</b></li> </ul>	07 05 01	



July	25		<b>Some Applications of Trigonometry :-</b> <ul style="list-style-type: none"><li>Heights and Distances</li></ul>	05	<ul style="list-style-type: none"> <li>To experimentally find the height of a building using acclinometer.</li> </ul>
			<b>Probability:</b> <ul style="list-style-type: none"><li>A Theoretical Approach</li></ul>	07	
			<b>Triangles :-</b> <ul style="list-style-type: none"><li>Similar Figures</li><li>Similarity of Triangles</li><li>Criteria for Similarity of Triangles</li></ul>	12	
			<b>End of topic test</b>	01	
August	23		<b>Quadratic equations :-</b> <ul style="list-style-type: none"><li>Quadratic equations</li><li>Solution of a Quadratic Equation by Factorisation &amp; Formula</li><li>Nature of roots</li></ul>	09	<ul style="list-style-type: none"> <li>From the same external point, the lengths of tangents to a circle are always equal.</li> </ul>
			<b>Circles:-</b> <ul style="list-style-type: none"><li>Tangent to a Circle</li><li>Number of Tangents from a Point on a Circle</li></ul>	04	
			<b>Areas related to circles:-</b> <ul style="list-style-type: none"><li>Perimeter and Area of a Circle</li><li>Areas of sector and segment of a Circle</li><li>Areas of combinations of Plane Figures</li></ul>	07	
			<b>Statistics :-</b> <ul style="list-style-type: none"><li>Mean of grouped Data</li></ul>	02	
			<b>End of topic test</b>	01	
September	21	Mid-Term Examination/Periodic Test-II	<b>Statistics :- (cont...)</b> <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>	06	
TERM-II					
October	13		<b>Arithmetic progressions :-</b> <ul style="list-style-type: none"><li>Arithmetic progressions</li><li>Nth Term of an AP</li><li>Sum of First n Terms of an AP</li></ul>	06	<ul style="list-style-type: none"> <li>To Get the formula for Volume of a Right Circular Cone experimentally</li> <li>To verify that the sum of first 'n' natural number is <math>n(n+1)/2</math> by Graphical Method.</li> <li>For an arithmetic progression having n terms, establishing a formula for calculating its sum.</li> </ul>
			<b>Surface areas and volumes :-</b> <ul style="list-style-type: none"><li>Surface Area of a combination of solids</li><li>Volume of a combination of solids</li></ul>	06	
			<b>End of topic test</b>	01	
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Revision</li> <li>Periodic Test-III</li> </ul>		
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> <li>Pre-Board -I</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> <li>Pre-Board -II</li> </ul>		

February	22		• Board Examination		
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Subject : Physics (086)

Prescribed Book :-

1. NCERT
2. Lab Manual (Arihant Publication)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	14/23		<ul style="list-style-type: none"> <li>• Reflection of light</li> <li>• Plane Mirror</li> <li>• Spherical Mirrors</li> <li>• Terminology for spherical mirror</li> <li>• Image formation by concave and convex mirror</li> <li>• Sign convention and Mirror formula</li> <li>• Numericals based on mirror formula and magnification</li> <li>• EOCT &amp; Discussion of Test</li> </ul>	1 2 1 2 3 2 2 1	<ul style="list-style-type: none"> <li>• Determination of the focal length of concave mirror</li> </ul>
May	08/12		<ul style="list-style-type: none"> <li>• Laws of Refraction</li> <li>• Terminology for spherical lens</li> <li>• Image formation by lens</li> <li>• Sign convention and Lens formula</li> <li>• Numericals based on lens formula and magnification</li> <li>• EOCT &amp; Discussion of Test</li> </ul>	1 1 2 1 2 1	<ul style="list-style-type: none"> <li>• Determination of the focal length of convex lens</li> </ul>
June	08/13	Periodic Test-I	<ul style="list-style-type: none"> <li>• Construction and working of human eye</li> <li>• Defects of vision</li> <li>• Numericals based on defects of vision</li> <li>• Dispersion of light</li> <li>• Atmospheric Refraction</li> <li>• Scattering of light</li> <li>• EOCT &amp; Discussion of Test</li> </ul>	2 2 1 1 1 1 1	<ul style="list-style-type: none"> <li>• Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</li> </ul>
July	14/25		<ul style="list-style-type: none"> <li>• Electric Charge and its properties</li> <li>• Electric Potential and Potential Difference</li> <li>• Numericals based on <math>V=w/q</math></li> <li>• Electric current</li> <li>• Numericals based on current</li> <li>• Ohm's Law and VI graph</li> <li>• Numericals based on Ohm's Law</li> </ul>	2 2 2 1 1 3 3	<ul style="list-style-type: none"> <li>• Tracing the path of the rays of light through a glass prism</li> </ul>
August	14/23		<ul style="list-style-type: none"> <li>• Resistance and Resistivity</li> <li>• Numericals based on resistance and resistivity</li> </ul>	2 2	<ul style="list-style-type: none"> <li>• Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and</li> </ul>

			<ul style="list-style-type: none"> <li>Combination of resistors and equivalent resistance</li> <li>Numericals based on equivalent resistance</li> <li>Heating Effect of Current</li> <li>Power</li> <li>EOCT and Feedback</li> </ul>	2 4 2 1 1	determine its resistance. Also plotting a graph between V and I.
September	06/21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>Bar magnet and its properties</li> <li>Oersted's Experiment</li> <li>Magnetic field due to straight current carrying conductor</li> <li>Problems based on Right Hand Thumb Rule</li> </ul>	1 2 1 2	
<b>TERM-II</b>					
October	09/13		<ul style="list-style-type: none"> <li>Magnetic field due to circular loop</li> <li>Magnetic field due to solenoid</li> <li>Electromagnet</li> <li>Force on a current carrying conductor</li> <li>Problems based on Fleming's Left-hand Rule</li> <li>EOCT and Feedback</li> </ul>	1 2 1 1 1 2 1	<ul style="list-style-type: none"> <li>Determination of the equivalent resistance of two resistors when connected in series and parallel.</li> </ul>
November	12/23	Periodic Test-III	<ul style="list-style-type: none"> <li>Revision</li> </ul>	12	
December	09/22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>	9	
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
February	22				
March	20				

Subject : Chemistry (086)

Prescribed Book :-

1. Science Text Book - NCERT-X
2. Lab Manual ( Arihant Publication)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	12/23		<ul style="list-style-type: none"> <li>Chemical reactions and Equations</li> <li>Combination Reactions</li> <li>Decomposition Reactions</li> <li>Displacement Reactions</li> <li>Double displacement Reactions</li> <li>Redox Reactions</li> </ul>	02 02 02 02 02 02	<ul style="list-style-type: none"> <li>Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution</li> </ul>
May	06/12		<ul style="list-style-type: none"> <li>Question answers</li> <li>End of Chapter Test</li> </ul>	02 02	<ul style="list-style-type: none"> <li>Performing and observing the following reactions and classifying them into: A. Combination reaction</li> </ul>



			<ul style="list-style-type: none"> <li>Acids, Bases and Salts (Introduction)</li> <li>Indicators</li> </ul>	02	B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Reaction between sodium sulphate and barium chloride solutions
June	04/13	Periodic Test-I	<ul style="list-style-type: none"> <li>Acids, Bases and Salts(contd.)</li> <li>Properties of Acids</li> <li>Properties of Bases</li> </ul>	02 02	<ul style="list-style-type: none"> <li>Practical File Assessment</li> <li>A. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution</li> </ul>
July	14/25		<ul style="list-style-type: none"> <li>Acids, Bases and Salts (contd.)</li> <li>pH</li> <li>Chloralkali process and salts</li> <li>Question Answers</li> <li><b>End of Chapter Test</b></li> <li>Chemical properties of Metals</li> </ul>	02 04 02 03 03	<ul style="list-style-type: none"> <li>B. Studying the properties of acids and bases (HCl &amp; NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</li> </ul>
August	12/23		<ul style="list-style-type: none"> <li>Metals and Non –Metals</li> <li>Formation of ionic compounds</li> <li>Extraction of metals</li> <li>Corrosion</li> <li>Question Answer</li> <li><b>End of Chapter Test</b></li> <li>Carbon and its Compounds (Introduction)</li> </ul>	02 02 02 02 02 02 02	<ul style="list-style-type: none"> <li>Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO<sub>4</sub>(aq) ii) FeSO<sub>4</sub>(aq) iii) CuSO<sub>4</sub>(aq)</li> <li>iv) Al<sub>2</sub> (SO<sub>4</sub>)<sub>3</sub>(aq) . Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</li> </ul>
September	04/21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>Carbon and its Compounds(cont.)</li> <li>Saturated and Unsaturated Compounds</li> <li>Nomenclature</li> <li>Isomerism</li> </ul>	01 01 02	<ul style="list-style-type: none"> <li>Practical File Assessment</li> </ul>
TERM-II					
October	06/13		<ul style="list-style-type: none"> <li>Carbon and its Compounds</li> <li>Homologous Series</li> <li>Chemical properties of carbon compounds</li> <li>Question Answers</li> <li><b>End of Chapter Test</b></li> </ul>	01 03 01 01	<ul style="list-style-type: none"> <li>Study of the following properties of acetic acid (ethanoic acid): i) odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate</li> <li>Study of the comparative cleaning capacity of a sample of soap in soft and hard water.</li> </ul>
November	12/23	Periodic Test-III	<ul style="list-style-type: none"> <li>Question Bank</li> </ul>	12	<ul style="list-style-type: none"> <li>Oral Test</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Practical File Assessment</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
February	22				
March	20				

Subject : Biology (086)

Prescribed Book :-

1. Science Text Book – NCERT-X
2. Lab Manual (Arihant Publication)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	18/23		<b>Life Processes.</b> • Nutrition in Animals • Nutrition in Plants • End of Sub Topic test + Discussion of Test	<b>18</b> 9 7 2	• Prepare a temporary mount of a leaf peel to show stomata.
May	08/12		<b>Life Processes</b> • Respiration	<b>8</b>	• Experimentally show that carbon dioxide is given out during respiration.
June	11/13	<b>Periodic Test-I</b>	<b>Life Processes</b> • Transportation • Excretion • End of Topic test + Discussion of Test	<b>11</b> 5 4 2	• Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.
July	16/25		<b>Control and Coordination</b> • Reflex Action • Human Brain • Coordination in plants • Hormones in animals • End of Topic test+ Discussion of Test	<b>16</b> 4 3 4 3 2	
August	17/23		<b>How do Organism reproduce?</b> • Modes of Reproduction • Sexual reproduction in flowering plants • Reproduction in Human Beings • End of Topic test + Discussion of Test	<b>17</b> 5 5 5 2	• Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
September	13/21	<b>Mid-Term Examination/Periodic Test-II</b>	<b>Heredity</b> • Mendel's contribution • How do traits gets expressed • Sex Determination • End of Topic test + Discussion of Test	<b>13</b> 5 3 3 2	
<b>TERM-II</b>					
October	09/13		<b>Our Environment.</b> • Ecosystem • Food chains and webs • How do activities effect our environment • End of Topic test + Discussion of Test	<b>9</b> 3 2 2 2	• Demonstrate phototropism in plants? • Demonstrate importance of carbon dioxide in photosynthesis?
November	10/23	<b>Periodic Test-III</b>	• Question Bank (Revision)	10	
December	22	<b>Pre-Board-I</b>			
January	22	<b>Pre-Board-II</b>			
February	22				
March	20				

Subject: Social Science (087)

- Prescribed Books;\_
1. India and the Contemporary World-II (History) - Published by NCERT
  2. Contemporary India II (Geography) - Published by NCERT
  3. Democratic Politics II (Political Science) - Published by NCERT
  4. Understanding Economic Development (Economics) - Published by NCERT

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<b>His CH1 The Rise of Nationalism in Europe</b>		<ul style="list-style-type: none"> <li>• Debate on the different national movements in Europe, comparing their impact on unity and the challenges faced.</li> <li>• Create timelines of key events leading to the unification of Italy and Germany.</li> <li>• Discuss the importance of power-sharing in a democracy. Students can debate different models of power-sharing, such as federalism and decentralization.</li> <li>• Debate whether economic growth leads to true development, focusing on factors like education, health, and inequality.</li> </ul>
			• European countries in the making of a nation state.	01	
			• Nature of the diverse social movements of the time.	01	
			• The evolution of the idea of nationalism which led to the formation of Nation States in Europe and elsewhere.	03	
			• Reasons which led to the First World War.	02	
			<b>Pol- CH1 Power sharing</b>		
			• The need for power sharing in democracy.	01	
			• The challenges faced by countries like Belgium and Sri Lanka ensuring effective power sharing.	01	
			• The power sharing of India with Sri Lanka and Belgium.	01	
			• The purpose of power sharing in preserving the unity and stability of a country	01	
			<b>Geo CH1 Resources and Development</b>		
			• How the resources are interdependent, justify how planning is essential in judicious utilisation of resources and the need to develop them in India.	01	
			• Rationale for development of resources. Data and information related to non-optimal land, utilization in India	01	
			• Remedial measures for optimal utilization of underutilized resources	01	
			<b>Eco- CH1 Development</b>		
			• The different processes involved in setting developmental Goals. Per capita income depicts the economic condition of the nation.	01	
			• The development goals with reference to their efficacy, implemental strategies, relevance to current requirements of the nation.	01	
			• Per capita income of some countries The	01	

			<p>multiple perspectives on the need of development.</p> <p><b>Geo Ch2 Forest and Wildlife resources</b></p> <ul style="list-style-type: none"><li>• Importance of conserving forests and wildlife and their interdependency in maintaining the ecology for the sustainable development of India.</li><li>• The role of grazing and wood cutting in the development and degradation</li></ul> <p>01</p> <ul style="list-style-type: none"><li>• Reasons for conservation of biodiversity under sustainable development.</li><li>• Developmental works</li></ul> <p>India under sustainable development.</p> <p><b>Pol CH2 Federalism</b></p> <ul style="list-style-type: none"><li>• How federalism is being practised in India.</li><li>• The policies and politics that has strengthened federalism in practice.</li><li>• <b>End of topic test</b></li></ul> <p>01 02 01</p>		
May	12		<p><b>Geo CH3 Water resources</b></p> <ul style="list-style-type: none"><li>• Conservation of water resource in India.</li><li>• Multipurpose projects</li></ul> <p>02 03</p> <p><b>His CH2 Nationalism in India.</b></p> <ul style="list-style-type: none"><li>• Nationalistic movements that ushered in the sense of Collective Belonging.</li><li>• Effectiveness of the strategies applied by Gandhiji and other leaders in the movements organised by him.</li><li>• The effects of the First World War that triggered the two defining movements (Khilafat &amp;Non-Cooperation Movement) in India.</li><li>• <b>End of topic test</b></li></ul> <p>02 02 02 01</p>	<ul style="list-style-type: none"><li>• Simulate a water crisis scenario, where students must work together to come up with sustainable solutions.</li><li>• Let students investigate the role of lesser-known freedom fighters and present their findings.</li></ul>	
June	13	Periodic Test-I	<p><b>His CH3 The making of a Global World</b></p> <ul style="list-style-type: none"><li>• The pre-modern world</li><li>• 19th century 1815 -1914</li><li>• The inter- war economy. Rebuilding of world economy: the post war era</li></ul> <p>02 02 02</p> <p><b>Eco CH 2 Sectors of Indian Economy</b></p> <ul style="list-style-type: none"><li>• The economic activities in different sectors</li><li>• Problems in different sectors based on their understanding.</li><li>• The role of the unorganised sector in impacting Per Capita Income currently.</li><li>• Suggestive steps to reduce the unorganised sector for more productive contributions to</li></ul> <p>01 01 02 02</p>	<ul style="list-style-type: none"><li>• Create a world map showing trade routes in the 19th century and highlight colonial influences</li><li>• Create a table comparing the importance of different sectors in the Indian economy, analyzing growth patterns and challenges.</li></ul>	



			<p>GDP.The essential role of the Public and Private sectors</p> <ul style="list-style-type: none"> <li>• <b>End of topic test</b></li> </ul>	01	
July	25		<p><b>Pol CH3 Gender, Religion and Caste</b></p> <ul style="list-style-type: none"> <li>• The role and differences of Gender, religion and Caste in practicing Democracy.</li> <li>• Different expressions based on the differences, are healthy or not in a democracy</li> </ul> <p><b>Eco CH3:Money and the credit</b></p> <ul style="list-style-type: none"> <li>• Money plays as a medium exchange in all transactions of goods and services from ancient times to the present times.</li> <li>• Various sources of Credit.</li> <li>• The significance and role of self-help groups in the betterment of the economic condition of rural people/ women</li> </ul> <p><b>Geo Ch 4 Agriculture</b></p> <ul style="list-style-type: none"> <li>• Agriculture in our economy and society.</li> <li>• Challenges faced by the farming community in India.</li> <li>• Various aspects of agriculture, including crop production, types of farming etc</li> <li>• <b>End of topic test</b></li> </ul>	04 04 02 03 02 03 03 03 01	<ul style="list-style-type: none"> <li>• A discussion or debate on the role of gender, religion, and caste in shaping society and politics.</li> <li>• Discuss the importance of credit in daily life, asking students to share their experiences or knowledge.</li> <li>• Examine different types of farming in India (e.g., subsistence farming vs. commercial farming) and discuss their advantages and challenges.</li> </ul>
August	23		<p><b>His CH4 The Age of Industrialization</b></p> <ul style="list-style-type: none"> <li>• Economic, political, social features of Pre and Post Industrialization.</li> <li>• Industrialization impacted colonies with specific focus on India</li> </ul> <p><b>Geo CH5 Minerals and Energy</b></p> <ul style="list-style-type: none"> <li>• The conventional and nonconventional sources of energy.</li> <li>• The importance of minerals and natural resources for economic development of the country.</li> <li>• Strategies for sustainable use of natural resources</li> </ul> <p><b>Geo CH6 Manufacturing Industries</b></p> <ul style="list-style-type: none"> <li>• Impact of manufacturing industries on the environment and develop strategies</li> <li>• Sustainable development of the manufacturing sector.</li> <li>• Various types of manufacturing industries based on their input materials, processes, and end</li> </ul>	02 02 01 02 02 01 01 01	<ul style="list-style-type: none"> <li>• Study the effects of industrialization on one particular country or region, analyzing social, economic, and environmental consequences.</li> <li>• Create a map that highlights major sources of energy in different countries and regions.</li> <li>• Students research the history of major industries in India (e.g., textiles, steel) and present findings.</li> <li>• Organize a mock election where students form political parties, create manifestos, and campaign within the class.</li> </ul>



			products. • The relation between the availability of raw material and location of the industry <b>Pol CH4 Political parties</b> • The process of parties getting elected. • Significance of the right to vote and exercise the duties as citizens of a nation. • The role, purpose and no. of Political Parties in Democracy. <b>Pol CH5 Outcomes of democracy</b> • The success of democracy • Quality of government, economic well- being, inequality, social differences, conflict, freedom and dignity • <b>End of topic test</b>	02 01 01 01 03 01 01	
September	21	Mid-Term Examination/Periodic Test-II	• Examination	21	• Examination
<b>TERM-II</b>					
October	13		<b>His CH5 Print culture and modern world</b> • Development of Print from its beginnings in East Asia to its expansion in Europe and India. • Compare and contrast the old tradition of handwritten manuscripts versus print technology. • Role of Print revolution and its impact <b>Eco CH4 Globalization and the Indian economy</b> • What is Globalisation? • Factors that have enabled Globalisation. <b>Geo Ch7 Lifelines of National Economy</b> • Map demarcation • India- National Highways • India- Railways • India-Major ports and International airports • <b>End of topic test</b>	02 01 01 01 01 01 02 02 02 01	• Discussion: How did print culture shape societies? Discuss both the positive and negative effects of print. • Students create a map highlighting the major transportation networks (rail, road, water) that support the national economy. • Class Debate: Hold a debate on the pros and cons of globalization for India.
November	23	Periodic Test-III	• Examination / Revision	23	• Examination / Revision
December	22	Pre-Board-I	• Examination	22	• Examination
January	22	Pre-Board-II	• Examination	22	• Examination
February	22		• Board Examination	---	• Board Examination
March	20		• Board Examination	---	• Board Examination

विषय : संस्कृत

निर्धारित पुस्तकें –

1. शेमुषी भाग –2 (NCERT)

2. सम्प्रेषणात्मक संस्कृत व्याकरण तथा अभ्यास (Arya Book Depot Publications.)

मासः	कार्यदिवसः	परीक्षायाः नाम	अध्यायः / पाठः	अनुमानित आवश्यक समयः	प्रस्तावित क्रियाकलापाः
टर्म-I					
अप्रैल	20 / 23		सामूहिक-अवलोकनम् (सर्वेषु विषयेषु) शेमुषी-पाठ-1 शुचिपर्यावरणम् पाठ-2 बुद्धिर्बलवती सदा अपठित-अवबोधनम् अध्यायस्य अन्तिमे परीक्षा	02 06 06 04 02	● पर्यावरण के महत्त्व पर अपने विचार लिखना एवं कक्षा में चर्चा करना।
मई	10 / 12		शेमुषी-पाठ-4 शिशुलालनम् अध्यायस्य अन्तिमे परीक्षा	08 02	● संस्कृत को शुद्ध पठन एवं उच्चारण तथा लघु वाक्य निर्माण।
जून	05 / 13	आवधिक परीक्षणम् 1	शेमुषी-पाठ-5 जननी तुल्यवत्सला रचनात्मक कार्यम्-चित्रवर्णनम्, संस्कृते अनुवादः अध्यायस्य अन्तिमे परीक्षा	02 02 01	● चित्र के आधार पर वाक्य लेखन।
जुलाई	20 / 25		शेमुषी पाठ-6 सुभाषितानि पाठ-7 सौहार्द प्रकृतेः शोभा व्याकरणम्-सन्धिः अध्यायस्य अन्तिमे परीक्षा	06 06 06 02	● सन्धि का टेबल बनाकर सारे विभागों का उदाहरण सहित वाक्य निर्माण।
अगस्त	20 / 23		शेमुषी-पाठ-8 विचित्रः साक्षी पाठ-9 सूक्तयः व्याकरणम्-समासः अध्यायस्य अन्तिमे परीक्षा	07 07 05 01	● 'सूक्तयः' आधारित श्लोकों का सस्वर वाचन और अर्थ सहित लेखन।
सितम्बर	05 / 21	मध्यकालिक परीक्षा / आवधिक परीक्षणम् 2	पत्रलेखनम् पुनरावृत्ति	04 01	
टर्म-II					
अक्टूबर	10 / 13		शेमुषी पाठ-12 अन्योक्तयः व्याकरणम्-वाच्यपरिवर्तनम् प्रत्ययाः अध्यायस्य अन्तिमे परीक्षा	04 04 02	● अन्योक्तयः आधारित श्लोकों का सस्वर वाचन और अर्थ सहित लेखन।
नवम्बर	20 / 23	आवधिक परीक्षणम् 3	व्याकरणम्-समय-लेखनम् अव्ययपदानि अशुद्धिः संशोधनम् अध्यायस्य अन्तिमे परीक्षा	06 06 06 02	● संस्कृत घटिका का निर्माण एवं समय से संबंधित वैज्ञानिक एवं शस्त्रीय प्रयोग की चर्चा एवं उपयोगिता पर विचार करने का अभ्यास।
दिसम्बर	19 / 22	पूर्व-मुख्या परीक्षा 1	शेमुषी-पुनः चर्चा व्याकरणम्-पुनरावृत्ति अध्यायस्य अन्तिमे परीक्षा	08 08 03	● छोटे-छोटे वाक्यों को अनुवाद करने का अभ्यास।

जनवरी	19/22	पूर्व-मुख्या परीक्षा 2	शेमुषी-पुनः चर्चा व्याकरणम्-पुनरावृत्ति अध्यायस्य अन्तिमे परीक्षा	08 08 03	● परीक्षा उपयोगी वस्तुओं और मूल बिंदु पर चर्चा एवं पुनरावृत्ति।
फरवरी	12/22		परीक्षा अभ्यास	12	

### Subject: Artificial Intelligence (417)

**Prescribed Book: -** 1. Understanding Artificial Intelligence with Coding in Python (APC Books)

2. Practical Book of Artificial Intelligence with AI Project- X (APC Books)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>Part-A</li> <li>Unit 1: Communication Skills - II</li> <li>Unit 2: Self-Management Skills - II</li> <li>Part-B</li> <li>Unit 1: Revisiting AI Project Cycle &amp; Ethical Frameworks For AI</li> <li>Stages of Ai Project Cycle</li> <li>Introduction To AI Domains</li> <li>Ethical Framework of AI</li> <li><b>End of topic test</b></li> </ul>	12 (3+3+3+3)	<ul style="list-style-type: none"> <li>Writing pros and cons of written, verbal and non-verbal communication</li> <li>Listing do's and don'ts for avoiding common body language mistakes</li> <li>Constructing sentences for providing descriptive and specific feedback</li> <li>Enlisting barriers to effective communication</li> <li>Exercises and games on applying 7Cs of effective communication</li> <li>Demonstration and practice of writing sentences and paragraphs on topics related to the subject</li> <li>Exercises on stress management techniques - yoga, meditation, physical exercises</li> <li>Demonstration on working independently</li> <li>Goals</li> <li>Planning of an activity</li> <li>Demonstration on the qualities required for working independently</li> <li><b>Session:</b> Revisiting AI Project Cycle</li> <li><b>Session:</b> The three domains of AI and their applications</li> <li><b>Session:</b> Frameworks, Ethical Framework and need of Ethical Framework for AI</li> <li><b>Activity:</b> My Goodness</li> <li><a href="https://www.my-goodness.net/">https://www.my-goodness.net/</a></li> <li><b>Session:</b> Types of Ethical Frameworks</li> <li><b>Session:</b> Bioethics and a case study in Bioethics</li> <li><b>Session:</b> Differentiate between AI, ML and DL</li> <li><b>Session:</b> Common terminologies used with data</li> </ul>
May	12		<ul style="list-style-type: none"> <li>Part-B</li> <li>Unit 2:</li> <li>Advanced Concepts of Modelling In AI</li> <li>Artificial Neural Network</li> </ul>	6	<ul style="list-style-type: none"> <li><b>Session:</b> Types of AI Models: Rule Based Approach, Learning Based Approach</li> <li><b>Session:</b> Categories of Machine learning based models: <b>Supervised Learning</b> (<a href="https://teachablemachine.withgoogle.com/">https://teachablemachine.withgoogle.com/</a>),</li> </ul>

			<ul style="list-style-type: none"> <li>Revisiting AI, ML &amp; DL</li> <li>Modelling</li> <li><b>End of topic test</b></li> </ul>		<ul style="list-style-type: none"> <li><b>Unsupervised Learning</b></li> <li>(<a href="https://experiments.withgoogle.com/ai/drum-machine/view/">https://experiments.withgoogle.com/ai/drum-machine/view/</a>), <b>Reinforcement Learning</b></li> <li><b>Session:</b> Subcategories of Supervised Learning</li> <li><b>Model:</b> Classification Model, Regression Model</li> <li><b>Session:</b> Subcategories of Unsupervised Learning</li> <li><b>Model:</b> Clustering, Association</li> <li><b>Session:</b> Subcategories of Deep Learning: Artificial Neural networks (ANN), Convolutional Neural Network (CNN)</li> <li><b>Session:</b> What is Neural Network?</li> <li><b>Session:</b> How does AI make a Decision?</li> <li><b>Activity:</b> Human Neural Network - The Game</li> <li>Suggested Neural Network Activity:</li> <li><a href="https://playground.tensorflow.org/">https://playground.tensorflow.org/</a></li> </ul>
June	13		<ul style="list-style-type: none"> <li>Part-B</li> <li>Unit 3: Evaluating Models</li> <li><b>End of topic test</b></li> </ul>	6	<ul style="list-style-type: none"> <li>Understand the role of evaluation in the development and implementation of AI systems.</li> <li><b>Session:</b> Train-test split</li> <li><b>Session:</b> Accuracy</li> <li><b>Session:</b> Error</li> <li><b>Activity:</b></li> <li>Find the accuracy of the AI model</li> </ul>
July	25	Periodic Test-I	<ul style="list-style-type: none"> <li>Unit 3: Evaluating Models(Cont)</li> <li>Part-B</li> <li>Unit 4: Statistical Data (To be Assessed Through Practical)</li> <li>Part-B</li> <li>Unit 5: Computer Vision(To Be Assessed Through Theory)</li> <li><b>End of topic test</b></li> </ul>	12(1+4+4+3)	<ul style="list-style-type: none"> <li><b>Session:</b></li> <li>What is Classification?</li> <li><b>Session:</b></li> <li>Classification metrics</li> <li><b>Activity:</b> Build the confusion matrix from scratch</li> <li><b>Activity:</b> Calculate the accuracy of the classifier model</li> <li><b>Activity:</b> Decide the appropriate metric to evaluate the AI model</li> <li><b>Session:</b> Bias, Transparency, Accuracy</li> <li><b>Session:</b> No code AI tool</li> <li>Introduction to Data Science &amp; its applications</li> <li>Meaning of No-Code AI</li> <li>Orange Data Mining Tool:</li> <li><a href="https://orangedatamining.com/download/">https://orangedatamining.com/download/</a></li> <li><b>Session</b></li> <li>Orange data mining</li> <li>AI project cycle in Orange data mining (Palmer penguins case study)</li> <li><b>Activity:</b> MS Excel for Statistical Analysis</li> <li><b>Link:</b> <a href="https://docs.google.com/spreadsheets/d/1f5_G-JXyP7EV2fy1hax47YVaH5gyq8KZy/edit?usp=drive_link&amp;ouid=109928090180926267402&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1f5_G-JXyP7EV2fy1hax47YVaH5gyq8KZy/edit?usp=drive_link&amp;ouid=109928090180926267402&amp;rtpof=true&amp;sd=true</a></li> <li>Case study using Orange data mining (Palmer Penguins). Link:</li> <li><a href="https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF">https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF</a></li> <li><b>Session:</b> Introduction to Computer Vision</li> </ul>



					<ul style="list-style-type: none"> <li>• <b>Session:</b> Applications of CV</li> <li>• <b>Session:</b> Understanding CV Concepts</li> <li>• Computer Vision Tasks</li> <li>• Basics of Images-Pixel, Resolution, Pixel value</li> <li>• Grayscale and RGB images</li> </ul>
August	23		<ul style="list-style-type: none"> <li>• Part-B</li> <li>• Unit 5: Computer Vision (To Be Assessed Through Theory) (Contd...)</li> <li>• Part-B</li> <li>• Unit 5: Computer Vision(To Be Assessed Through Practical)</li> <li>• Part-B</li> <li>• Unit 6: Natural Language Processing(To Be Assessed Through Theory)</li> <li>• Part-B</li> <li>• Unit 6: Natural Language Processing(To Be Assessed Through Practical)</li> <li>• <b>End of topic test</b></li> </ul>	(1+4+4+3)	<ul style="list-style-type: none"> <li>• <b>Activities:</b></li> <li>• <b>Game-</b> Emoji Scavenger Hunt <a href="https://emojiscavengerhunt.withgoogle.com/">https://emojiscavengerhunt.withgoogle.com/</a></li> <li>• RGB Calculator: <a href="https://www.w3schools.com/colors/color_s_rgb.asp">https://www.w3schools.com/colors/color_s_rgb.asp</a></li> <li>• Create your own pixel art: <a href="http://www.piskelapp.com">www.piskelapp.com</a></li> <li>• Create your own convolutions: <a href="http://setosa.io/ev/image-kernels/">http://setosa.io/ev/image-kernels/</a></li> <li>• Introduction to Lobe: <a href="https://www.lobe.ai/">https://www.lobe.ai/</a></li> <li>• <b>Teachable Machine:</b> <a href="https://teachablemachine.withgoogle.com/">https://teachablemachine.withgoogle.com/</a></li> <li>• <b>Activity:</b> Build a Smart Sorter</li> <li>• Orange Data Mining Tool: <a href="https://orangedatamining.com/download/">https://orangedatamining.com/download/</a></li> <li>• Activity: Build a real-world Classification Model: Coral Bleaching (Use Case Walkthrough)</li> <li>• Link to the steps involved in project development and dataset: <a href="https://drive.google.com/drive/folders/1ppJ4d-8yOFJ2G22rHHpjNrK0ejdlAe5Q?usp=sharing">https://drive.google.com/drive/folders/1ppJ4d-8yOFJ2G22rHHpjNrK0ejdlAe5Q?usp=sharing</a></li> <li>• <b>Session:</b> Understanding Convolution operator</li> <li>• <b>Activity:</b> Convolution Operator</li> <li>• <b>Session:</b> Introduction to CNN</li> <li>• <b>Session:</b> Understanding CNN</li> <li>• Kernel</li> <li>• Layers of CNN</li> <li>• Activity: Testing CNN</li> <li>• <b>Session:</b> Introduction to Natural Language Processing</li> <li>• <b>Session:</b> Various real-life applications of NLP</li> <li>• <b>Activity:</b> Keyword Extraction <a href="https://cloud.google.com/natural-language">https://cloud.google.com/natural-language</a></li> <li>• <b>Session:</b> Explore the various stages of NLP that involve in understanding and processing human language.</li> <li>• <b>Activity:</b> Play with chatbots</li> <li>• <b>Elizabot</b> - <a href="https://www.masswerk.at/elizabot/">https://www.masswerk.at/elizabot/</a> Mitsuki <a href="https://www.kuki.ai/">https://www.kuki.ai/</a></li> <li>• <b>Cleverbot</b> - <a href="https://www.cleverbot.com/">https://www.cleverbot.com/</a></li> <li>• <b>Singtel</b> - <a href="https://www.singtel.com/personal/support">https://www.singtel.com/personal/support</a></li> <li>• <b>Session:</b> Script Bot V/s Smart Bot</li> <li>• <b>Session:</b> Data Processing</li> <li>• Text Normalisation</li> <li>• Bag of Words</li> <li>• TFIDF</li> <li>• <b>Session:</b> Applications of NLP- Introduction to Sentiment Analysis</li> </ul>



					<ul style="list-style-type: none"> <li>Hands-on: Case Walkthrough - Steps involved in project development</li> <li>Link to steps and dataset: <a href="https://drive.google.com/drive/u/2/folders/1geFLXx">https://drive.google.com/drive/u/2/folders/1geFLXx</a></li> </ul>
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Part-B</li> <li>Unit 7: Advance Python (To Be Assessed Through Practical)</li> <li>Part-A</li> <li>Unit 3: Basic ICT Skills - II</li> <li>Part-A</li> <li>Unit 4: Entrepreneurial Skills- II</li> <li>End of topic test</li> </ul>	3+3	<ul style="list-style-type: none"> <li><b>Session:</b> Jupyter Notebook</li> <li><b>Session:</b> Introduction to Python</li> <li><b>Session:</b> Python Basics</li> <li>Identification of task bar, icons, menu, etc.</li> <li>Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin</li> <li>Demonstration of the procedures to be followed for cleaning, care and maintenance of hardware and software</li> <li>Writing a note on entrepreneurship as career option</li> <li>Collecting success stories of first generation and local entrepreneurs</li> <li>Listing the entrepreneurial qualities – analysis of strength and weaknesses</li> <li>Group discussion of self-qualities that students feel are needed to become successful entrepreneur</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Part-A</li> <li>Unit 5: Green Skills - II</li> <li>End of topic test</li> </ul>	7	<ul style="list-style-type: none"> <li>Identify the problem related to sustainable development in the community</li> <li>Group discussion on the importance of respecting and conserving indigenous knowledge and cultural heritage</li> <li>Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environmental values</li> <li>Preparing models on rain water harvesting, drip / sprinkler irrigation, vermin-compost, solar energy, solar cooker, etc.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
February	22		<ul style="list-style-type: none"> <li></li> </ul>		
March	20		<ul style="list-style-type: none"> <li></li> </ul>		

**Subject: Introduction to Financial Markets (405)**

**Prescribed Books : Introduction to Financial Markets (CBSE Skill Education)**

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> <li>Part-A</li> </ul>	9 (3+3+3)	<ul style="list-style-type: none"> <li>Writing pros and cons of written, verbal and non-</li> </ul>

		<ul style="list-style-type: none"> <li>• UNIT 1: COMMUNICATION SKILLS – II</li> <li>• Methods of communication - Verbal - Non-verbal – Visual</li> <li>• Communication cycle and importance of feedback</li> <li>• Meaning and importance of feedback</li> <li>• Descriptive feedback - written comments or conversations</li> <li>• Specific and non-specific feedback</li> <li>• Barriers to effective communication – types and factors</li> <li>• Measures to overcome barriers in effective communication</li> <li>• Principles of effective communication</li> <li>• 7 Cs of effective communication</li> <li>• Writing skills to the following: <ul style="list-style-type: none"> <li>- Sentence</li> <li>- Phrase</li> <li>- Kinds of Sentences</li> <li>- Parts of Sentence</li> <li>- Parts of Speech</li> <li>- Articles</li> <li>- Construction of a Paragraph</li> </ul> </li> <li>• UNIT 2: SELF-MANAGEMENT SKILLS – II</li> <li>• Meaning and importance of stress management</li> <li>• Stress management techniques – physical exercise, yoga, meditation</li> <li>• Enjoying, going to vacations and holidays with family and friends</li> <li>• Taking nature walks</li> <li>• Importance of the ability to work independently</li> <li>• Describe the types of self-awareness</li> <li>• Describe the meaning of self-motivation and self-regulation</li> <li>• UNIT 3: ICT SKILLS – II</li> <li>• Classes of operating systems</li> <li>• Menu, icons and task bar on the desktop</li> <li>• File concept, file operations, file organization, directory structures, and file-system structures</li> <li>• Creating and managing files and folders</li> <li>• Importance and need of care and maintenance of computer - Cleaning computer components</li> </ul>	<p>verbal communication</p> <ul style="list-style-type: none"> <li>• Listing do's and don'ts for avoiding common body language mistakes</li> <li>• Constructing sentences for providing descriptive and specific feedback</li> <li>• Enlisting barriers to effective communication</li> <li>• Applying measures to overcome barriers in communication</li> <li>• Constructing sentences that convey all facts required by the receiver</li> <li>• Expressing in a manner that shows respect to the receiver of the message</li> <li>• Exercises and games on applying 7Cs of effective communication</li> <li>• Demonstration and practice of writing sentences and paragraphs on topics related to the subject</li> <li>• Exercises on stress management techniques – yoga, meditation, physical exercises</li> <li>• Preparing a write-up on an essay on experiences during a holiday trip</li> <li>• Demonstration on working independently</li> <li>• Goals</li> <li>• Planning of an activity</li> <li>• Executing tasks in a specific period, with no help or directives</li> <li>• Demonstration on the qualities required for working independently</li> <li>• Identification of task bar, icons, menu, etc.</li> <li>• Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin</li> <li>• Demonstration of the procedures to be followed for cleaning, care and maintenance of hardware and software</li> </ul>
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			<ul style="list-style-type: none"> <li>- Preparing maintenance schedule</li> <li>- Protecting computer against viruses</li> <li>• - Scanning and cleaning viruses and removing SPAM files, temporary files and folders</li> <li>• <b>End of topic test</b></li> </ul>		
May	12		<ul style="list-style-type: none"> <li>• UNIT 4: ENTREPRENEURIAL SKILLS- II</li> <li>• Entrepreneurship and society</li> <li>• Qualities and functions of an entrepreneur</li> <li>• Role and importance of an entrepreneur</li> <li>• Myth about entrepreneurship</li> <li>• Entrepreneurship as a career option</li> <li>• UNIT 5: GREEN SKILLS - II</li> <li>• Definition of sustainable development</li> <li>• Importance of sustainable development</li> <li>• Problems related to sustainable development</li> <li>• <b>End of topic test</b></li> </ul>	6	<ul style="list-style-type: none"> <li>• Writing a note on entrepreneurship as career option</li> <li>• Collecting success stories of first generation and local entrepreneurs</li> <li>• Listing the entrepreneurial qualities – analysis of strength and weaknesses</li> <li>• Group discussion of self-qualities that students feel are needed to become successful entrepreneur</li> <li>• Collect information and related data for a business</li> <li>• Make a plan in team for setting up a business</li> <li>• Identify the problem related to sustainable development in the community</li> <li>• Group discussion on the importance of respecting and conserving indigenous knowledge and cultural heritage</li> <li>• Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environmental values</li> <li>• Preparing models on rain water harvesting, drip / sprinkler irrigation, vermin-compost, solar energy, solar cooker, etc.</li> </ul>
June	13		<ul style="list-style-type: none"> <li>• Part-B</li> <li>• Unit 1: Investment Basics</li> <li>• Unit 2: Securities</li> <li>• <b>End of topic test</b></li> </ul>	3+3	<ul style="list-style-type: none"> <li>• Activity</li> <li>• Interactive lecture: By giving situation to calculate the return on investment.</li> <li>• Find out the prevailing interest rates on Bank and Post Office Deposits</li> <li>• Live Trading/ Watch Business Channels</li> </ul>
July	25	Periodic Test-I	<ul style="list-style-type: none"> <li>• Unit 3: Primary market</li> <li>• Unit 4: Secondary market</li> <li>• Unit 5: Derivatives</li> <li>• Unit 6: Depository</li> <li>• <b>End of topic test</b></li> </ul>	12(3+3+3+3)	<ul style="list-style-type: none"> <li>• Activity</li> <li>• • Role Play of SEBI Representative</li> <li>• Make a PPT on the topic “ Securities Market “</li> <li>• Visit in Stock Exchange to collect Reports and IPO Forms</li> <li>• Learn how to apply for IPO</li> <li>• Make a project on NSE</li> <li>• Visit to Stock Exchange and Broking Houses in the nearby area for interaction with broker</li> <li>• Interactive lecture: Pre-trading/ Post- trading Instructions</li> </ul>

					<ul style="list-style-type: none"> <li>Register Mock Portfolio on any website</li> </ul>
August	23		<ul style="list-style-type: none"> <li>Unit 6: Depository</li> <li>Unit 7: Mutual Fund</li> <li>Unit 8: Miscellaneous</li> <li>End of topic test</li> </ul>	9 (4+5)	<ul style="list-style-type: none"> <li>Activity</li> <li>Risk and Return of Derivative Trading</li> <li>Mock Trading Techniques of Derivatives</li> <li>Risk and Returns of Commodity Trading</li> <li>Trading Techniques Basics of Commodity Market</li> </ul>
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Unit 7: Mutual Fund</li> <li>Unit 8: Miscellaneous</li> <li>Unit 9: Concept and modes of Analysis</li> <li>End of topic test</li> </ul>	6	<ul style="list-style-type: none"> <li>Activity</li> <li>Calculate Returns of the Schemes.</li> <li>Find best suited scheme for each student</li> <li>Risk and Returns of MF</li> <li>Role plays portfolio manager</li> <li>Draw Income and Position Statement.</li> <li>Frame the Procedure of Loan and its Requirements</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Unit 9: Concept and modes of Analysis</li> <li>Unit 10: Ratio Analysis</li> <li>End of topic test</li> </ul>	9 (4+5)	<ul style="list-style-type: none"> <li>Activity</li> <li>Why Company provide Corporate Benefits.</li> <li>Calculate all Corporate Benefits.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>	9	
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>	9	
February	22		<ul style="list-style-type: none"> <li></li> </ul>		
March	20		<ul style="list-style-type: none"> <li></li> </ul>		

Subject: Information Technology (402)

Prescribed Book: - Touchpad Information Technology - X (Code 402) Skill Education

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> <li>Part-A</li> <li>UNIT 1: COMMUNICATION SKILLS - II</li> <li>Methods of communication - Verbal - Non-verbal - Visual</li> <li>Communication cycle and importance of feedback</li> <li>Meaning and importance of feedback</li> <li>Descriptive feedback - written comments or conversations</li> <li>Specific and non-specific feedback</li> </ul>	9 (3+3+3)	<ul style="list-style-type: none"> <li>Writing pros and cons of written, verbal and non-verbal communication</li> <li>Listing do's and don'ts for avoiding common body language mistakes</li> <li>Constructing sentences for providing descriptive and specific feedback</li> <li>Enlisting barriers to effective communication</li> <li>Applying measures to overcome barriers in communication</li> <li>Constructing sentences that convey all facts required by the receiver</li> <li>Expressing in a manner that shows respect to the receiver of the message</li> </ul>



		<ul style="list-style-type: none"> <li>• Barriers to effective communication – types and factors</li> <li>• Measures to overcome barriers in effective communication</li> <li>• Principles of effective communication</li> <li>• 7 Cs of effective communication</li> <li>• Writing skills to the following: <ul style="list-style-type: none"> <li>- Sentence</li> <li>- Phrase</li> <li>- Kinds of Sentences</li> <li>- Parts of Sentence</li> <li>- Parts of Speech</li> <li>- Articles</li> <li>- Construction of a Paragraph</li> </ul> </li> <li>• <b>UNIT 2: SELF-MANAGEMENT SKILLS – II</b></li> <li>• Meaning and importance of stress management</li> <li>• Stress management techniques – physical exercise, yoga, meditation</li> <li>• Enjoying, going to vacations and holidays with family and friends</li> <li>• Taking nature walks</li> <li>• Importance of the ability to work independently</li> <li>• Describe the types of self-awareness</li> <li>• Describe the meaning of self-motivation and self-regulation</li> <li>• <b>UNIT 3: ICT SKILLS – II</b></li> <li>• Classes of operating systems</li> <li>• Menu, icons and task bar on the desktop</li> <li>• File concept, file operations, file organization, directory structures, and file-system structures</li> <li>• Creating and managing files and folders</li> <li>• Importance and need of care and maintenance of computer - Cleaning computer components <ul style="list-style-type: none"> <li>- Preparing maintenance schedule</li> <li>- Protecting computer against viruses</li> </ul> </li> <li>• - Scanning and cleaning viruses and removing SPAM files, temporary files and folders</li> <li>• <b>End of topic test</b></li> </ul>		<ul style="list-style-type: none"> <li>• Exercises and games on applying 7Cs of effective communication</li> <li>• Demonstration and practice of writing sentences and paragraphs on topics related to the subject</li> <li>• Exercises on stress management techniques – yoga, meditation, physical exercises</li> <li>• Preparing a write-up on an essay on experiences during a holiday trip</li> <li>• Demonstration on working independently</li> <li>• Goals</li> <li>• Planning of an activity</li> <li>• Executing tasks in a specific period, with no help or directives</li> <li>• Demonstration on the qualities required for working independently</li> <li>• Identification of task bar, icons, menu, etc.</li> <li>• Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin</li> <li>• Demonstration of the procedures to be followed for cleaning, care and maintenance of hardware and software</li> </ul>
May	12	<ul style="list-style-type: none"> <li>• <b>UNIT 4: ENTREPRENEURIAL SKILLS- II</b></li> <li>• Entrepreneurship and society</li> <li>• Qualities and functions of an entrepreneur</li> <li>• Role and importance of an entrepreneur</li> </ul>	6 (3+3)	<ul style="list-style-type: none"> <li>• Writing a note on entrepreneurship as career option</li> <li>• Collecting success stories of first generation and local entrepreneurs</li> <li>• Listing the entrepreneurial qualities – analysis of strength and weaknesses</li> </ul>



			<ul style="list-style-type: none"> <li>• Myth about entrepreneurship</li> <li>• Entrepreneurship as a career option</li> <li>• <b>UNIT 5: GREEN SKILLS - II</b></li> <li>• Definition of sustainable development</li> <li>• Importance of sustainable development</li> <li>• Problems related to sustainable development</li> <li>• <b>End of topic test</b></li> </ul>		<ul style="list-style-type: none"> <li>• Group discussion of self-qualities that students feel are needed to become successful entrepreneur</li> <li>• Collect information and related data for a business</li> <li>• Make a plan in team for setting up a business</li> <li>• Identify the problem related to sustainable development in the community</li> <li>• Group discussion on the importance of respecting and conserving indigenous knowledge and cultural heritage</li> <li>• Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environmental values</li> <li>• Preparing models on rain water harvesting, drip / sprinkler irrigation, vermin-compost, solar energy, solar cooker, etc.</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• <b>Part-B</b></li> <li>• <b>Unit 1: Digital Documentation (Advanced) using LibreOffice Writer</b></li> <li>• <b>Chapter 1: Introduction To Styles</b></li> <li>• Styles/ categories in Writer</li> <li>• Page</li> <li>• Paragraph</li> <li>• Character</li> <li>• Frame</li> <li>• List</li> <li>• Table</li> <li>• Styles and Formatting</li> <li>• Fill Format</li> <li>• Creating a new style</li> <li>• From Selection method</li> <li>• Drag and Drop method</li> <li>• Updating a new style</li> <li>• Load style from template or document.</li> <li>• Applying styles.</li> <li>• <b>End of topic test</b></li> </ul>	3	<ul style="list-style-type: none"> <li>• List Style Categories: Open the Styles and Formatting window, list available style categories, and select one style from each.</li> <li>• Use Fill Format: Apply a style to multiple areas of your document quickly using the Fill Format tool.</li> <li>• Create and Update a New Style: Create a new style from selected text and update it by modifying its attributes.</li> <li>• Load a Style from a Template or Document: Import and apply a style from a template or another document to your current work.</li> <li>• Create a New Style Using Drag-and-Drop: Create a new style by dragging and dropping formatted text into the Styles and Formatting panel.</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• <b>Unit 1: Digital Documentation (Advanced) using LibreOffice Writer (Cont..)</b></li> <li>• <b>Chapter 2: Working with Images</b></li> <li>• Inserting an Image in a Document</li> <li>• Insert Image Option</li> <li>• Drag and Drop option</li> <li>• Copy and Paste method</li> <li>• Inserting an image by linking</li> <li>• Options to modify image using image toolbar, resize, crop and delete an image.</li> <li>• Drawing Objects</li> <li>• Creating drawing objects</li> </ul>	12(4+4+4)	<ul style="list-style-type: none"> <li>• Insert an Image: Insert an image into a document using options such as Insert Image, Drag and Drop, Copy and Paste, and linking.</li> <li>• Modify an Image: Use the image toolbar to modify an image by resizing, cropping, and deleting it.</li> <li>• Create Drawing Objects: Create various drawing objects within your document.</li> <li>• Set or Change Drawing Object Properties: Adjust the properties of drawing objects, including color, line style, and fill.</li> <li>• Resize and Group Drawing Objects: Resize individual drawing objects and group multiple objects together for better document organization.</li> <li>• Position the Image in the Text: Adjust the image's position in the text using arrangement, anchoring, alignment, and text wrapping options.</li> </ul>

		<ul style="list-style-type: none"> <li>• Setting or changing its properties.</li> <li>• Resizing and grouping drawing objects.</li> <li>• Positioning image in the text.</li> <li>• Arrangement</li> <li>• Anchoring</li> <li>• Alignment</li> <li>• Text Wrapping</li> <li>• <b>Chapter 3: Advanced Features of Writer</b></li> <li>• Table of contents</li> <li>• Hierarchy of headings</li> <li>• Creating a Table of Content (ToC)</li> <li>• Customization of Table of Contents(ToC)</li> <li>• Maintaining a Table of Contents(ToC)</li> <li>• Updating ToC</li> <li>• Deleting ToC</li> <li>• Using templates</li> <li>• Creating a Template</li> <li>• Using In-built/Saved Templates</li> <li>• Using Online Templates</li> <li>• Importing a Template</li> <li>• Editing a Template</li> <li>• Moving a Template</li> <li>• Exporting a Template</li> <li>• Applying Templates to a Blank Document</li> <li>• Track Changes Feature</li> <li>• Preparing a Document for Review</li> <li>• Recording Changes</li> <li>• Accepting and Rejecting Changes</li> <li>• Adding Comments</li> <li>• Deleting Comments</li> <li>• Comparing Documents</li> <li>• <b>Unit 2: Electronic Spreadsheet (Advanced) using LibreOffice Calc</b></li> <li>• <b>Chapter 4: Analyse data using scenario s and goal seek</b></li> <li>• Consolidating Data</li> <li>• Groups and Subtotals</li> <li>• What-if Scenarios</li> <li>• What-if Analysis Tool</li> <li>• Goal Seek</li> <li>• <b>End of topic test</b></li> </ul>		<ul style="list-style-type: none"> <li>• <i>Create a Table of Contents (ToC): Generate and customize a Table of Contents in a document.</i></li> <li>• <i>Maintain a Table of Contents: Update or delete the Table of Contents</i></li> <li>• <i>Use Templates: Create, import, and apply templates to a blank document, using in-built, saved, or online templates.</i></li> <li>• <i>Edit a Template: Modify, move, and export an existing template.</i></li> <li>• <i>Track Changes: Prepare a document for review by recording, accepting, or rejecting changes, and manage comments by adding or deleting them.</i></li> <li>• <i>Compare Documents: Compare two versions of a document to identify and review differences.</i></li> <li>• <i>Use Consolidating Data: Aggregate data from multiple sources into a single summary.</i></li> <li>• <i>Create Subtotals: Apply subtotals to data groups to summarize and analyze information.</i></li> <li>• <i>Use “What-If” Scenarios: Create and analyze different scenarios to forecast outcomes based on varying inputs.</i></li> <li>• <i>Use “What-If” Tools: Use tools like Scenario Manager for detailed what-if analyses.</i></li> <li>• <i>Use Goal Seek and Solver: Use Goal Seek to find specific input values needed to achieve a desired result, and apply Solver for more complex problems</i></li> </ul>
August	23	<ul style="list-style-type: none"> <li>• <b>Chapter 5: Using Macros in Spreadsheet</b></li> <li>• Recording a Macro</li> <li>• Running a Macro</li> </ul>	12 (3+3+3+3)	<ul style="list-style-type: none"> <li>• <i>Demonstrate the Use of a Macro Recorder: Record a macro to automate repetitive tasks.</i></li> <li>• <i>Create a Simple Macro: Develop a basic macro to perform a</i></li> </ul>

			<ul style="list-style-type: none"> <li>• Creating and Organising a Simple Macro</li> <li>• Macro as a Function</li> <li>• <b>Chapter 6: Linking Spreadsheet Data</b></li> <li>• Setting up multiple sheets.</li> <li>• Creating reference to other sheets by using keyboard and mouse.</li> <li>• Creating reference to another document by using keyboard and mouse.</li> <li>• Hyperlinks to the Sheet</li> <li>• Relative and Absolute Hyperlinks</li> <li>• Creating Hyperlinks</li> <li>• Editing a Hyperlink</li> <li>• Linking to External Data</li> <li>• Linking to Registered Data Sources</li> <li>• <b>Chapter 7:Share and Review a Spreadsheet</b></li> <li>• Sharing Spreadsheet</li> <li>• Opening and saving a shared spreadsheet.</li> <li>• Recording changes.</li> <li>• Add, Edit and Format the comments.</li> <li>• Reviewing Changes – View, Accept or Reject Changes</li> <li>• Merging and comparing.</li> <li>• <b>Unit 3: Database Management System using LibreOffice Base</b></li> <li>• <b>Chapter 8: Introduction to Database Management System</b></li> <li>• Data and Information</li> <li>• Databases and DBMS</li> <li>• Advantages of database</li> <li>• Data Models</li> <li>• Hierarchical Data Model</li> <li>• Network Data Model</li> <li>• Relational Data Model</li> <li>• Relational database Model</li> <li>• RDBMS Terminology</li> <li>• Objects of an RDBMS</li> <li>• <b>End of topic test</b></li> </ul>		<p>specific function.</p> <ul style="list-style-type: none"> <li>• <i>Use a Macro: Execute an existing macro to automate tasks in a document.</i></li> <li>• <i>Pass Arguments to a Macro: Provide arguments to a macro to customize its behavior.</i></li> <li>• <i>Pass the Arguments as Values: Supply values as arguments to a macro for dynamic operation.</i></li> <li>• <i>Write Macros as Built-in Functions: Create macros that function similarly to built-in functions for enhanced functionality.</i></li> <li>• <i>Access Cells Directly: Write macros to directly manipulate cell data in spreadsheets.</i></li> <li>• <i>Sort Columns Using a Macro: Develop and use a macro to sort columns in a spreadsheet.</i></li> <li>• <i>Setup Multiple Sheets: Insert and organize new sheets within a workbook.</i></li> <li>• <i>Create References to Other Sheets: Use keyboard and mouse to create references between different sheets in a workbook.</i></li> <li>• <i>Create References to Other Documents: Use keyboard and mouse to link data from one document to another.</i></li> <li>• <i>Create, Edit, and Remove Hyperlinks: Add, modify, and delete hyperlinks to sheets within a workbook.</i></li> <li>• <i>Link to External Data: Connect and import data from external sources into your document.</i></li> <li>• <i>Link to Registered Data Sources: Establish links to registered data sources for data integration.</i></li> <li>• <i>Set Up a Spreadsheet for Sharing: Configure a spreadsheet to enable sharing with others.</i></li> <li>• <i>Open and Save a Shared Spreadsheet: Access and save changes to a spreadsheet that has been shared with you.</i></li> <li>• <i>Record Changes: Track modifications made to the spreadsheet.</i></li> <li>• <i>Add, Edit, and Format Comments: Insert, modify, and format comments within the spreadsheet.</i></li> <li>• <i>Review Changes: View, accept, or reject changes made by others in the shared spreadsheet.</i></li> <li>• <i>Merge and Compare Sheets: Combine and compare different sheets to integrate data effectively.</i></li> <li>• <i>Identify Data and Information: Distinguish between data and information within a database context.</i></li> <li>• <i>Identify Fields, Records, and Tables: Recognize and describe fields, records, and tables in a database.</i></li> <li>• <i>Prepare a Sample Table: Create a sample table with standard fields to illustrate database structure.</i></li> <li>• <i>Identify Different Types of Data Models: Identify and describe various data models such as hierarchical, network, and relational.</i></li> <li>• <i>Different Types of Keys: Recognize and explain different types of keys used in databases, such as primary and foreign keys.</i></li> <li>• <i>Identify Different Objects of RDBMS: Identify and describe different objects in a relational database management system (RDBMS), including tables, queries, and forms</i></li> </ul>
September	21	Mid-Term	<ul style="list-style-type: none"> <li>• Revision</li> </ul>		

		Examination/Periodic Test-II			
TERM-II					
October	13		<ul style="list-style-type: none"> <li>• <b>Chapter 9: Starting with LibreOffice Base</b></li> <li>• Introduction to LibreOffice Base</li> <li>• Data types</li> <li>• Starting with LibreOffice</li> <li>• User Interface Of LibreOffice Base</li> <li>• Opening a Database</li> <li>• Creating a Table</li> <li>• Using a Wizard</li> <li>• Using design view,</li> <li>• Setting primary key</li> <li>• Saving a Table</li> <li>• Entering data into table</li> <li>• Navigating through the table</li> <li>• Editing Data</li> <li>• Deleting Records from Table</li> <li>• Sorting Data in the Table</li> <li>• <b>Chapter 10: Working with Multiple Tables</b></li> <li>• Editing and Deleting tables,</li> <li>• Relationships between tables</li> <li>• Types of Relationships- one to one, one to many, many to many</li> <li>• Advantages of Relating Tables in a Database</li> <li>• Creating Relationships between Tables</li> <li>• Referential Integrity</li> <li>• <b>Chapter 11: Queries in Base</b></li> <li>• Queries</li> <li>• Query creation using wizard</li> <li>• Creation of query using design view</li> <li>• Editing a query,</li> <li>• Working with Numerical Data</li> <li>• <b>Chapter 12: Forms and Reports</b></li> <li>• Forms in BASE.</li> <li>• Creating form using wizard,</li> <li>• Modifying a Form</li> <li>• Form Controls Toolbar</li> <li>• Report in Base</li> <li>• Inserting other controls in report</li> <li>• Inserting Titles &amp; Headings</li> <li>• Inserting Date &amp; Time</li> <li>• <b>End of topic test</b></li> </ul>	6	<ul style="list-style-type: none"> <li>• Start LibreOffice Base and Observe the Main Window: Launch LibreOffice Base and familiarize yourself with the main window's components.</li> <li>• Create a Sample Table Using Wizard: Use the wizard to create a sample table in any category.</li> <li>• Create Different Tables from Available List: Practice creating various tables by selecting fields from the available options.</li> <li>• Assign Data Types and Set Primary Key: Define data types for fields and set a primary key for the table.</li> <li>• Edit the Table in Design View: Modify the table structure using the design view.</li> <li>• Enter Data in the Fields: Input data into the fields of your table.</li> <li>• Delete Records from Table: Remove records from the table as needed.</li> <li>• Arrange Data in Ascending or Descending Order: Sort the table data in ascending or descending order.</li> <li>• Insert Data in the Table: Add new data entries to a table.</li> <li>• Edit Records in the Table: Modify existing records within the table.</li> <li>• Delete Records from Table: Remove specific records from the table.</li> <li>• Sort Data in the Table: Arrange data in ascending or descending order within the table.</li> <li>• Create and Edit Relationships: Establish and modify relationships between tables, including one-to-one, one-to-many, and many-to-many.</li> <li>• Enter Various Field Properties: Set and adjust different properties for fields in the table.</li> <li>• Prepare a Query for Given Criteria: Create a query based on specified criteria.</li> <li>• Create a Query Using Wizard and Design View: Demonstrate how to generate a query using both the wizard and design view.</li> <li>• Edit a Query: Modify an existing query to update its criteria or structure.</li> <li>• Apply Various Criteria in a Query: Demonstrate applying different criteria in a query, including single field, multiple fields, and wildcard searches.</li> <li>• Perform Calculations Using Query in Base: Execute calculations within a query in LibreOffice Base.</li> <li>• Create a Form Using Form Wizard: Generate a form by following the steps in the Form Wizard.</li> <li>• Enter or Remove Data from Forms: Input new data or delete existing data using forms.</li> <li>• Modify Forms: Demonstrate how to adjust and customize forms.</li> <li>• Change Label and Background: Modify the label text and background color or design of a form.</li> <li>• Search Records Using a Form: Use the form to find specific</li> </ul>



					<ul style="list-style-type: none"> <li>records based on search criteria.</li> <li>• Insert and Delete Records Using Form View: Add new records or remove existing ones through the Form View.</li> <li>• Create a Report Using Report Wizard: Illustrate the steps to generate a report using the Report Wizard.</li> <li>• Demonstrate Various Report Examples: Provide examples of different types of reports created using the Report Wizard.</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>• <b>Unit 4: Maintain Healthy, Safe and Secure Working Environment</b></li> <li>• <b>Chapter 13. Health, Safety and Security at Workplace</b></li> <li>• Introduction to Health, Safety, and Security At Workplace</li> <li>• Policies and Procedures for Healthy, Safety and Security</li> <li>• Reasons for Health, Safety, and Security Programs or Policies in the Workplace</li> <li>• Workplace Safety Hazards</li> <li>• Physical Hazards</li> <li>• Falling Off Heights, Slipping and Tripping</li> <li>• Electrical Hazards</li> <li>• Fire Hazards</li> <li>• Health Hazards</li> <li>• Potential Sources of Hazards in an Organisation</li> <li>• Hazards using Computers</li> <li>• Handling Office Equipment</li> <li>• Handling Objects</li> <li>• Stress at Work</li> <li>• Working Environment</li> <li>• Hazard Control</li> <li>• Safety Guidelines Checklist</li> <li>• <b>Chapter 14. Workplace Quality Measures</b></li> <li>• Introduction</li> <li>• Air and Water Quality Monitoring Process</li> <li>• Guidelines for Clean Air and Clean Water</li> <li>• Importance of Cleanliness at Workplace</li> <li>• Office Ergonomics</li> <li>• Computer Health and Safety Tips</li> <li>• Musculoskeletal Problems: Occupational Overuse Syndrome, Strain in Legs and Feet, Eye Strain,</li> <li>• To reduce the risks of visual problems: Headaches, Obesity, Stress Disorders, Injuries from Laptop Use, Sleeping Problems</li> </ul>	12	<ul style="list-style-type: none"> <li>• Practice Basic Safety Rules: Implement fire safety measures, prevent falls and slips, ensure electrical safety, and apply first aid procedures to protect workers and prevent accidents.</li> <li>• Illustrate Handling Accidents at Workplace: Demonstrate the steps to manage and respond to accidents in the workplace.</li> <li>• Demonstrate Following Evacuation Plan: Show how to effectively follow the evacuation plan and procedures during an emergency.</li> <li>• Identify Hazards and Sources of Hazards: Recognize potential hazards and their sources in the workplace.</li> <li>• Identify Problems at Workplace: Assess workplace issues that could lead to accidents.</li> <li>• Practice General Evacuation Procedures: Execute evacuation procedures in simulated emergency situations.</li> </ul>



			<ul style="list-style-type: none"> <li>• Health and Safety Requirements for Computer Workplace</li> <li>• Cautions while Working on the Computer</li> <li>• <b>Chapter 15. Prevent Accidents and Emergencies</b></li> <li>• Accident and Emergencies:</li> <li>• Notice and Correctly Identify Accidents and Emergencies</li> <li>• Get help Promptly and in the Most Suitable Way</li> <li>• Follow Company Policies and Procedures for Preventing Further Injury While Waiting for Help to Arrive</li> <li>• Act within the Limits of your Responsibility and Authority when Accidents and Emergencies Arise,</li> <li>• Promptly Follow Instructions given by Senior Staff and the Emergency Services</li> <li>• Types of Accidents</li> <li>• Trip and Fall</li> <li>• Slip and Fall</li> <li>• Injuries caused due to Escalators or Elevators (or lifts)</li> <li>• Accidents due to Falling of Goods</li> <li>• Accidents due to Moving Objects</li> <li>• Handling Accidents:</li> <li>• Attend to the Injured Person Immediately,</li> <li>• Inform your Supervisor</li> <li>• Assist your Supervisor</li> <li>• Types of Emergencies</li> <li>• First Aid,</li> <li>• Electrical Safety</li> <li>• Evacuation</li> <li>• General Evacuation Procedures</li> <li>• Fire Hazards in the Workplace</li> <li>• Fire Prevention</li> <li>• Identification of Material and Ignition Sources</li> <li>• First Aid for Electrical Emergencies</li> <li>• Electrical Rescue Techniques</li> <li>• <b>End of topic test</b></li> </ul>		
December	22	Pre-Board-I	• Revision		•
January	22	Pre-Board-II	• Revision		•
February	22		•		•

March	20		•		•
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**Subject: Physical Activity Trainer (418)**

**Prescribed Book: - Physical Activity Trainer (CBSE) Skill Education**

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>• Unit -1</li> <li>• ROLE AND RESPONSIBILITY OF AN EARLY YEARS PHYSICAL ACTIVITY FACILITATOR</li> <li>• Identify role and responsibilities of a physical activity facilitator</li> <li>• Describe the various activities to be conducted by the physical activity facilitator.</li> <li>• <b>PART -B:- EMPLOYABILITY SKILLS</b></li> <li>• Unit -COMMUNICATION SKILLS</li> <li>• Methods, Elements and perspectives</li> <li>• Basic English Writing Skills</li> <li>• <b>End of topic test</b></li> </ul>	13	<ul style="list-style-type: none"> <li>• Practical Lesson plan practices</li> </ul>
May	12		<ul style="list-style-type: none"> <li>• Unit - 2</li> <li>• ASSESSMENT AND EVALUATION OF STUDENTS</li> <li>• Describe the various types and tools of assessment</li> <li>• Prepare assessment report and provide feedback</li> <li>• <b>End of topic test</b></li> </ul>	07	<ul style="list-style-type: none"> <li>• Practical Lesson plan practices</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• <b>PART -B:-</b></li> <li>• Unit -2 SELF -MANAGEMENT SKILLS-1</li> <li>• PART - A</li> <li>• Unit - 3</li> <li>• FREE -PLAY</li> <li>• Describe the importance and purpose of free-play</li> <li>• <b>End of topic test</b></li> </ul>	06	<ul style="list-style-type: none"> <li>• Practical Lesson plan Practices</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• Unit 3</li> <li>• FREE - PLAY</li> <li>• Organize Free-play activities</li> <li>• Demonstrate the knowledge of rehabilitation through free - play</li> <li>• <b>PART - B EMPLOYABILITY SKILLS</b></li> </ul>	12	<ul style="list-style-type: none"> <li>• Practical Lesson plan practices</li> </ul>

			<ul style="list-style-type: none"> <li>Unit - 3 ICT Skills-I</li> <li>Understanding ICT and Computer System</li> <li>Peripheral Devices</li> <li>Internet and Networking</li> <li><b>End of topic test</b></li> </ul>		
August	23		<ul style="list-style-type: none"> <li>Unit-4</li> <li>MONITORING AND INVENTORY MANAGEMENT</li> <li>Describe the process of inventory management</li> <li>Manage props and equipment</li> <li><b>End of topic test</b></li> </ul>	06	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li><b>PART B :- EMPLOYABILITY SKILLS</b></li> <li>Unit- 4</li> <li>Entrepreneur Skills-1</li> </ul>	07	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
<b>TERM-II</b>					
October	13		<ul style="list-style-type: none"> <li><b>PART -B :- EMPLOYABILITY SKILLS</b></li> <li>Unit - 5</li> <li>Green Skills</li> <li>Practical for Board Preparation</li> <li><b>End of topic test</b></li> </ul>	12	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Preparation For Board Examination And Practical Classes</li> </ul>	09	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Preparation For Board Examination And Practical's</li> </ul>	07	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Preparation For Board Examination</li> </ul>	08	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
February	22		<ul style="list-style-type: none"> <li>Preparation For Board Examination</li> </ul>	07	<ul style="list-style-type: none"> <li>Practical Lesson plan practices</li> </ul>
March	20		<ul style="list-style-type: none"> <li></li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>

#### Subject : Physical Education

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li><b><u>General Fitness</u></b></li> </ul> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Techniques, Tactics and strategies.	23	<ul style="list-style-type: none"> <li>Game related match practice</li> <li>Rules explanation sessions</li> </ul>

			<ul style="list-style-type: none"> <li>• <b><u>Swimming, Kho-Kho &amp; Kabaddi:</u></b> Basic concept and practice of games. Inter house Kho-Kho competition. Free hand exercises.</li> <li>• <b><u>Basketball:</u></b> Fundamental Skills: Basic concepts of basketball (match and rules), Playing regulations, Violations, Fouls, Player Stance</li> </ul>		
May	12		<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Techniques, Tactics and strategies.</li> <li>• <b><u>Swimming, Kho-Kho &amp; Kabaddi:</u></b> Basic concept and practice of games. Inter house Basketball, Swimming &amp; Kabaddi competition. Free hand exercises.</li> <li>• <b><u>Basketball:</u></b> Fundamental Skills: Basic concept of basketball (match and rules), Playing regulations, Violations, Fouls, Player Stance</li> </ul>	12	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Techniques, Tactics and strategies.</li> <li>• <b><u>Swimming &amp; Football:</u></b> Basic concept and practice of games. Inter house Football competition. Free hand exercise.</li> <li>• <b><u>Basketball:</u></b> Passing and Receiving (Two-hand passing, Chest pass, Bounce pass). Overhead pass, One-hand passing</li> </ul>	07	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Real match situation.</li> <li>• <b><u>Volleyball &amp; Football:</u></b> Basic concept and practice of games. General fitness. Inter House Badminton &amp; Taekwondo</li> </ul>	25	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>



			Competition . • <b><u>Basketball:</u></b> Dribbling (Control dribble/Low dribble, Speed dribble/High dribble, Front crossover dribble)		
August	23		• <b><u>General Fitness</u></b> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <b><u>Athletics, Football &amp; Volleyball:</u></b> Basic concept and practice of games. General fitness. Basics concept and practice of running and Throwing events, Inter House Volleyball Competition. • <b><u>Basketball:</u></b> Dribbling (Control dribble/Low dribble, Speed dribble/High dribble, Front crossover dribble)	23	• Game related match practice • Rules explanation sessions •
September	21	Mid-Term Examination/Periodic Test-II	• <b><u>General Fitness</u></b> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <b><u>Athletics &amp; Volleyball:</u></b> Basic concept and practice of games. General fitness. Basics concept and practice of running and Throwing events. Inter House Chess Competition • <b><u>Basketball:</u></b> Shooting (Layup shot: Overhead, Underhand, Jump shot)	21	• Game related match practice • Rules explanation sessions
TERM-II					
October	13		• <b><u>General Fitness</u></b> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <b><u>Football:</u></b> Basic fundamental skills, Ball control, Receiving, dribbling, passing and shooting. • <b><u>Basketball</u></b> Shooting (Layup shot: Overhead, Underhand, Jump shot) • <b><u>Athletics</u></b>	19	• Game related match practice • Rules explanation sessions

			Jumping events.		
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Real match situation.</li> <li>• <b><u>Football:</u></b> Basic fundamental skills, Ball control, Receiving, dribbling, passing and shooting.</li> <li>• <b><u>Basketball</u></b> Rebounding (Offensive rebound, Defensive rebound), Individual Defense (On the ball, Off the ball)</li> <li>• <b><u>Athletics</u></b> Jumping events.</li> </ul>	16	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Real match situation.</li> <li>• <b><u>Basketball:</u></b> Individual Defense (On the ball, Off the ball)</li> <li>• <b><u>Athletics:</u></b> Basic concept and practice of games. General fitness Relay Races and Baton exchange</li> </ul>	23	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Real match situation.</li> <li>• <b><u>Basketball</u></b> Basketball match practice and drills: - Set play, Zone defense, man to man defense</li> <li>• <b><u>Athletics:</u></b> Long distance running event, Throwing events</li> </ul>	17	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>
February	22		<ul style="list-style-type: none"> <li>• <b><u>General Fitness</u></b> Warming up (general &amp; specific) &amp; free hand exercises. Basic &amp; advanced skills. Rules and regulations. Real match situation. Revision of the previous classes, match play.</li> <li>• <b><u>Basketball:</u></b> Basketball match practice and drills: - Set play, Zone defense, man to man defense</li> </ul>	21	<ul style="list-style-type: none"> <li>• Game related match practice</li> <li>• Rules explanation sessions</li> </ul>

March	20		• Preparation For The Term - End Examination		
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### Subject : Yoga

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>• Concept &amp; Basis of yoga</li> <li>• Micro exercise : Eye &amp; Neck</li> <li>• Asana : Ardha Padmasana, Vajrasana</li> <li>• Breathing : Natural &amp; Deep</li> <li>• Mudra : Jnana Mudra</li> </ul>	15	
May	12		<ul style="list-style-type: none"> <li>• Micro Exercise : Neck, Shoulder &amp; Waist</li> <li>• Surya Namaskar</li> <li>• Asana : Padmasana, Ardha Kurmasana</li> <li>• Breathing : Natural &amp; Deep</li> </ul>	5	
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• Revision of Previous Practices, Hip-joint, Knee, Ankle.</li> <li>• Surya Namaskar</li> <li>• Asana : Vakrasana, Gomukhasana</li> <li>• Pranayama : Sheetali, Sheetkari</li> </ul>	7	<ul style="list-style-type: none"> <li>• World Yoga Day.</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• Yogic Jogging</li> <li>• Surya Namaskar</li> <li>• Asana : Tadasana, Tiryaka tadasana</li> <li>• Pranayama: Sheetali, Sheetkari</li> </ul>	16	
August	23		<ul style="list-style-type: none"> <li>• Surya Namaskar</li> <li>• Asana : Padmasana, utthit Padmasana</li> <li>• Pranayama : anuloma viloma, Sheetkari</li> <li>• Mudra: Jnana, Chin Mudra</li> </ul>	16	
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>• Surya Namaskar</li> <li>• Asana : Garudasana, ardha Chakrasana, Padhastasana</li> <li>• Pranayama : Kapalbhata, Bhramari</li> </ul>	6	
<b>TERM-II</b>					
October	13		<ul style="list-style-type: none"> <li>• Surya Namaskar</li> <li>• Asana : Birbhadrasana, Parswa konasana</li> <li>• Pranyama: Anuloma viloma, Udgat</li> <li>• Jnana Mudra, Yoga Mudra</li> </ul>	5	Inter House Yoga Competition

November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>Surya Namaskar</li> <li>Asana :Brikshasana, Natrajasana</li> <li>Pranayama : Anuloma Viloma, Bhramari</li> <li>Mudra : Kaki mudra</li> </ul>	14	
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Surya Namaskar</li> <li>Asana : Vajrasana ,Ustrasana</li> <li>Pranayama : Anuloma Viloma</li> <li>Mudra : Nasikagra</li> </ul>	13	
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Surya Namaskar</li> <li>Asana : Sarvangasana, Halasana</li> <li>Pranayama : Anuloma Viloma, Bhramari</li> <li>Mudra : Vayu Mudra</li> </ul>	8	
February	22		<ul style="list-style-type: none"> <li>Revision Of all the Previous Practices</li> </ul>	10	
March	20		<ul style="list-style-type: none"> <li></li> </ul>		

**Subject: Dance**

**Prescribed Book: NA**

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>A brief history of Indian dance (Practical &amp; Theory)</li> </ul>	04	<ul style="list-style-type: none"> <li>Warm-Up</li> <li>Bhumi Pranama</li> <li>Hand Gesture</li> <li>Facial Expression</li> </ul>
May	12		<ul style="list-style-type: none"> <li>Basic foot and hand movements Kathak dance</li> </ul>	01	<ul style="list-style-type: none"> <li>Warm-Up</li> <li>Previous Dance Practice</li> <li>New Semi-Classical dance (Bhajan)</li> <li>Holiday Project(Art Integration) Collect Data from text book or Internet : Reference from ancient text (vedic, puranic, epics and other scriptures). Evaluation of Kiathak dance in Pracheen Kal/Mandir Kal (Katha vachak and Rasdhar tradition, etc).</li> <li>Madhya Kal/Darbar kal, Adhunik Kal covering brisish and post independent era till the present time based.</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>Practice of basic standing position and various paterrens of Tatkar.</li> </ul>	02	<ul style="list-style-type: none"> <li>Project Submission (HOLIDAY)</li> <li>Thekaa</li> <li>Aamad</li> </ul>



July	25		<ul style="list-style-type: none"> <li>• Inroduction for verious part of Kathak dance</li> </ul>	04	<ul style="list-style-type: none"> <li>• Tatkaar</li> <li>• Aamad</li> <li>• Salaami</li> <li>• Tukdaa</li> <li>• Semi-Classical dance</li> </ul>
August	23		<ul style="list-style-type: none"> <li>• Independence Group Dance Practice</li> <li>• Krishna Janmastami Cellebration</li> </ul>	04	<ul style="list-style-type: none"> <li>• Song Selection</li> <li>• Step Cration</li> <li>• Group dance</li> </ul>
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> <li>• Cont.. Krishna Janmastami</li> <li>• Shree Ganesh Chaturthi</li> <li>• Distinctive aspects of Kathak (Using Ghungroos, Costume etc).</li> </ul>	04	<ul style="list-style-type: none"> <li>• Group dance</li> <li>• Song selection</li> <li>• Step Creation</li> </ul>
<b>TERM-II</b>					
October	13		<ul style="list-style-type: none"> <li>• Navaraatri Cellebration / Devotional Dance</li> </ul>	2	<ul style="list-style-type: none"> <li>• Devi Stuti &amp; Dandia dance</li> </ul>
November	23	Periodic Test-III	<ul style="list-style-type: none"> <li>• Theme based group dance</li> </ul>	4	<ul style="list-style-type: none"> <li>• Group dance practice for House function</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>• Introduce rajasthani</li> <li>• Christmas Cellebration</li> </ul>	4	<ul style="list-style-type: none"> <li>• Theme based dance with carol</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>• Republic day Celebration</li> </ul>	3	<ul style="list-style-type: none"> <li>• Patriotic theme based dance</li> </ul>
February	22		<ul style="list-style-type: none"> <li>• Group dance Test</li> </ul>	4	<ul style="list-style-type: none"> <li>• Theory &amp; Practical</li> <li>• Activity - Tatkaar, Tukda</li> <li>• Folk dance</li> </ul>
March	20			2	

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