



**BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034**

**CLASS X  
SESSION 2020-21**

MONTH	ENGLISH	HINDI	MATH	SCIENCE	SOC. SCI	FRENCH	GERMAN	SANSKRIT
JULY	<p><b>Text Book- First Flight</b> (From the Diary of Anne Frank &amp; Amanda ) to be carried forward.</p> <p><b>1.The Hundred Dresses – (Part I &amp;II)</b></p> <p><b>Skills:</b> Comprehension Analytical, Critical thinking, Reading and Vocabulary building,logical reasoning.</p> <p><b>2. Animals -poetry</b> <b>Skills :</b> Rhyme scheme, literary devices, theme, cognitive and logical thinking.</p> <p><b>3.Glimpses of India-</b> a) A Baker b) Coorg c) Tea from Assam</p> <p><b>Skills :</b> Reading, Comprehension,</p>	<p>(स्पर्श भाग 2) <u>गद्य खंड-</u></p> <p>1.तर्तारा वामीरो कथा</p> <p>2.अब कहां दूसरों के दुख में दुखी होने वाले</p> <p><b>कौशल</b></p> <p>-विषय की समझ स्थापित करना। शब्दावली की समझ स्थापित करना। समालोचनात्मक समझ स्थापित करना। तर्क शक्ति का निर्माण।</p> <p><u>काव्य खंड</u> 1 पद (मीरा)</p> <p><b>कौशल -</b></p>	<p>Chapter 7. <b>Coordinate Geometry -</b> Subtopics</p> <ul style="list-style-type: none"><li>Distance formula</li><li>Section Formula</li><li>Area of Triangles</li></ul> <p><b>Skills -</b> Critical thinking, Computation skill, and Problem Solving</p> <p>Chapter 5. <b>Arithmetic Progression</b></p> <p>Subtopics-</p> <ul style="list-style-type: none"><li>Introduction to A.P</li><li>nth term of an A.P..</li><li>Sum up to n terms of an A.P.</li><li>Real life application of A.P.</li></ul> <p>Skills-</p>	<p><b>PHYSICS</b> <b>Chapter: The Human Eye &amp; the Colourful world</b></p> <p>The human eye- its structure, defects of vision and correction</p> <p>Atmospheric refraction</p> <p>Dispersion of light</p> <p>Scattering of light</p> <p><b>Skills:</b> Critical thinking, reasoning &amp; problem solving.</p> <p><b>CHEMISTRY</b></p> <ul style="list-style-type: none"><li>Acids,</li><li>Bases and Salts{complete chapter}</li></ul>	<p><b>HISTORY</b> <b>CHAPTER: THE RISE OF NATIONALISM IN EUROPE</b> Subtopics-</p> <ul style="list-style-type: none"><li>The French Revolution and the idea of a Nation</li><li>The making of Nationalism in Europe..</li><li>The Age of Revolutions</li><li>The making of Germany &amp; Italy</li><li>Visualising the Nation.</li><li>Nationalism &amp; Imperialism</li></ul> <p><b>Skills-</b>Analytical and critical thinking Skills</p> <p><b>GEOGRAPHY</b></p> <p><b>Chapter - 4 AGRICULTURE</b> <b>Subtopics:</b></p> <ul style="list-style-type: none"><li>Introduction and importance</li></ul>	<ul style="list-style-type: none"><li>Le subjonctif</li><li>le discours direct et indirect</li><li>La culture et civilisation (leçon 5 et 6)</li><li>Art activity</li><li>Ek Bharat Shreshth Bharat activity to be done in the month of July.</li></ul>	<ul style="list-style-type: none"><li><b>Lektion 7</b></li><li>Arbeitsbuch</li><li>Die App, die den Dieb findet</li><li>Präteritum</li><li>Dialog Schreiben</li><li>Art activity</li><li>Ek Bharat Shreshth Bharat activity to be done in the month of July.</li></ul>	<ul style="list-style-type: none"><li>पाठ-जननी तुल्यवत्सला</li><li>पाठ-सुभाषितानि</li><li>पाठ-सौहार्द प्रकृतेः शोभा</li><li>वाच्य</li><li>अशुद्धि संशोधनम्</li><li>पाठ-शिशुलालनम्</li><li>शुचि_पर्यावरणम्</li><li>'कला एकीकृत गतिविधि' एवं 'एक भारत -श्रेष्ठ भारत' गतिविधि</li></ul>

	<p>Assimilation of knowledge, Enhancement of vocabulary, logical reasoning</p> <ul style="list-style-type: none"> <li>• Art activity and Ek Bharat Shreshth Bharat Activity will also be conducted</li> </ul>	<p>वाचन क्षमता का विस्तार करना, कवि और कविता के ज्ञान को आत्मसात करना, शब्दावली का निर्माण करना</p> <p><u>व्याकरण</u> 1 पदबंध 2 वाक्य रूपांतरण</p> <p><b>कौशल</b> -विषय को आत्मसात करवाया जाएगा। ज्ञान बोध का निर्माण करना</p> <p><u>लेखन</u> सूचना लेखन <b>कौशल</b> -शब्द भंडार का निर्माण सृजनात्मकता का विस्तार</p> <p><u>संचयन</u> हरिहर काका सपनों के -से दिन</p>	<p>Analytical thinking and computational skill. Chapter 8.- <b>Introduction to Trigonometry</b></p> <p>Subtopics-</p> <ul style="list-style-type: none"> <li>• Trigonometric ratios of an acute angle</li> <li>• Relation between T-ratios</li> <li>• Trigonometric ratios of specific angles</li> <li>• Complementary Trigonometric ratios</li> <li>• Trigonometric identities</li> </ul> <p><b>Skills</b> Computational, analytical and Problem Solving skill</p> <p>*Art activity *Ek Bharat, Shreshth Bharat activity will be done in month of July</p>	<ul style="list-style-type: none"> <li>• Art activity and Ek Bharat Shreshth Bharat Activity will also be conducted</li> </ul> <p><b>Skills-</b> Analytical and critical thinking</p> <p><b>BIOLOGY</b> <b>Chapter: Control &amp; Coordination</b></p> <p><b>Sub topics:</b> Nervous system Reflex action Human brain Coordination in plants Hormones in animals</p> <p><b>Skills:</b> critical thinking and problem solving</p>	<ul style="list-style-type: none"> <li>• Types of Agriculture</li> <li>• Cropping Pattern in India</li> <li>• Major Crops grown in India</li> <li>• Institutional and Technical Reforms introduced in Agriculture</li> </ul> <p><b>Skills:</b> Reasoning and Problem Solving</p> <ul style="list-style-type: none"> <li>• <b>Art activity</b></li> <li>• Ek Bharat, Shreshth Bharat activity to be done in the month of July.</li> </ul> <p><b>ECONOMICS</b> <b>CHAPTER- SECTORS OF THE INDIAN ECONOMY</b></p> <ul style="list-style-type: none"> <li>• Classification of the economy on the basis of employment conditions- Organized and Unorganized sector</li> <li>• Classification of the economy on the basis of the</li> </ul>			
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<b>AUGUST</b>	<p><b>4.The Trees - Poetry</b></p> <p><b>Skills :</b> Symbolic meaning, Identification of Rhyme scheme, literary devices, theme, summary.</p> <p><b>Supplementary Reader-Footprints without Feet :</b></p> <p><b>5.The Thief's Story</b></p> <p><b>6.The Midnight Visitor</b></p>	<p>काव्य खंड 1 दोहे (बिहारी ) 2 मनुष्यता ( मैथिलीशरण गुप्त)</p> <p><b>कौशल -</b>तर्क शक्ति का विस्तार वाचन क्षमता का विस्तार करना , कवि और कविता के ज्ञान को आत्मसात करना,</p>	<p>Chapter 9.</p> <p><b>Some application to Trigonometry</b></p> <p>Subtopics-</p> <ul style="list-style-type: none"> <li>• Introduction to terms like line of sight, angle of elevation, angle of depression,</li> <li>• Application of trigonometry to find heights and distances.</li> </ul> <p><b>Skills-</b></p>	<p><b>PHYSICS Chapter:Electricity</b></p> <p><b>Sub Topics:</b></p> <ul style="list-style-type: none"> <li>• Electric current &amp; circuit</li> <li>• Electric potential &amp; potential difference</li> <li>• Circuit diagram</li> <li>• Ohm's law</li> <li>• Factors on which the Resistance of a conductor depends</li> </ul> <p>Resistance of system of</p>	<p><b>GEOGRAPHY Chapter 5 : Minerals and Energy Resources</b></p> <p><b>Subtopics:</b></p> <ul style="list-style-type: none"> <li>• Introduction and importance</li> <li>• Mode of occurrence of minerals</li> <li>• Ferrous minerals</li> <li>• Non-ferrous minerals</li> <li>• No-metallic minerals</li> <li>• Rock minerals</li> <li>• Conservation of minerals</li> </ul>	<ul style="list-style-type: none"> <li>• Entre Jeunes - Leçon 5,6,7 ( exercises from the book)</li> <li>• Les lettres</li> <li>• La culture et civilisation (leçons 7,8)</li> </ul>	<ul style="list-style-type: none"> <li>• Lektion 8 Einfach Sprachen lernen</li> <li>• Konjunktion Als, Obwohl, Nachdem, Ob</li> </ul>	<ul style="list-style-type: none"> <li>•समास</li> <li>•प्रत्यय</li> <li>•पाठ-विचित्र: साक्षी</li> <li>•अपठित गद्यांश</li> <li>•चित्र वर्णन</li> <li>•पत्र पूर्ति</li> <li>•संस्कृतानुवाद</li> </ul>

<p><b>Skills</b> : Extensive reading, analytical and logical thinking, Reasoning and problem solving</p> <p><b>Integrated Grammar Exercises -- Topics</b> [Reported Speech, Active Passive, Modals Clauses] to be revised through written practice</p> <p><b>Text book--First Flight</b></p> <p><b>7. Mijbil the Otter</b></p> <p>Skills-Reading, analytical, logical, and critical thinking,</p> <p><b>8. Fog -Poetry</b> <b>Skills :</b> Comprehension, Identification of Rhyme scheme, figures of speech (poetic devices), theme and symbolic meaning.</p>	<p>शब्दावली का निर्माण करना</p> <p><u>व्याकरण</u> समास <b>कौशल</b> -विषय को आत्मसात करवाया जाएगा। ज्ञान बोध का निर्माण करना</p> <p><u>लेखन</u> लघु कथा <b>कौशल</b> -तर्क शक्ति का विस्तार शब्दावली का निर्माण करना</p>	<p>Representation of the positions of different objects pictorially, Problem solving and analytical thinking</p> <p>Chapter 14.</p> <p><b>Statistics-</b></p> <p>Subtopics-</p> <ul style="list-style-type: none"> <li>• Mean of ungrouped data</li> <li>• Mean of grouped data using 3 different methods step deviation, direct and short cut.</li> <li>• Median of grouped and ungrouped data</li> <li>• Mode of grouped and ungrouped data</li> <li>• Less than and more than ogive to compute the median through graph</li> </ul> <p><b>Skills</b></p> <p>Computational and problem solving skill</p>	<p>resistors</p> <p><b>Skills:</b> Critical thinking, reasoning &amp; problem solving.</p> <p><b>CHEMISTRY</b> <b>Chapter: Metals and non Metals</b></p> <ul style="list-style-type: none"> <li>• Physical Properties</li> <li>• Chemical Properties</li> <li>• How do metals and Non Metals react?</li> </ul> <p><b>Skills:</b> Reasoning and Critical thinking</p> <p><b>BIOLOGY</b></p> <p><b>Chapter: How do organisms reproduce?</b></p> <p><b>Subtopics:</b> Introduction and importance of variation.</p> <p>Modes of reproduction by single organisms.</p>	<ul style="list-style-type: none"> <li>• Energy Resources</li> </ul> <p><b>Skills:</b> Critical Thinking and Problem Solving</p> <p><b>POL. SC</b> <b>CHAPTER: FEDERALISM</b></p> <p>Subtopics-</p> <ul style="list-style-type: none"> <li>• What is Federalism?</li> <li>• What makes India a federal country?</li> <li>• How is Federalism practised ?</li> <li>• Decentralisation in India</li> </ul> <p><b>SKILLS</b> :Analytical, logical &amp; Critical thinking</p> <p><b>ECONOMICS</b> <b>CHAPTER- 4</b> <b>GLOBALISATION</b></p> <ul style="list-style-type: none"> <li>• Meaning of Globalization</li> <li>• Types of international linkages</li> <li>• Foreign</li> </ul>				
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	<p><b>Supplementary Reader - 9.A Question of Trust</b></p> <p><b>10.Footprints Without Feet</b></p> <p><b>Skills :</b> Extensive reading, vocabulary, Comprehension, Analytical skills, reasoning and problem solving.</p> <p><b>Integrated Grammar Exercises</b></p> <p><b>Skills :</b> Application of concepts, logical reasoning.</p>		<p>Chapter-15.</p> <p><b>Probability-</b></p> <p>Subtopics-</p> <p>Theoretical Probability of an event</p> <p>Real life application questions of probability</p> <p><b>Skills-</b></p> <p>Critical thinking and reasoning.</p>	<p>Sexual reproduction in flowering plants.</p> <p>Reproduction in Human Beings</p> <p>Reproductive Health</p> <p><b>Skills:</b> Critical thinking &amp; problem solving</p>	<p>trade, FDI and MNCs</p> <ul style="list-style-type: none"> <li>• Common routes taken by the foreign investment</li> <li>• Factors considered before making the foreign investment</li> </ul> <p><b>SKILLS-</b> Logical reasoning and analytical skills</p>			
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