



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

**CLASS IX  
SESSION 2020-21**

MONTH	ENGLISH	HINDI	MATH	SCIENCE	SOC. SCI	FRENCH	GERMAN	SANSKRIT
JULY	<p><b>Beehive</b></p> <ul style="list-style-type: none"> <li>The Sound Of Music</li> <li>Part I and Part II</li> <li>Rain on the Roof</li> <li>The little Girl</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>Analytical thinking</li> <li>Comprehension skills</li> <li>Reading and vocabulary building</li> </ul> <p><b>Skills - Poetry</b></p> <ul style="list-style-type: none"> <li>Poetic devices</li> <li>Figures of speech</li> <li>Rhyme scheme</li> <li>Theme and symbolism</li> <li>Interpretation of the poem</li> </ul> <p><b>Supplementary Reader</b></p> <ul style="list-style-type: none"> <li>Iswaran the storyteller</li> <li>In The kingdom of Fools</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>Extensive reading</li> <li>Vocabulary building</li> <li>Analytical skills</li> </ul>	<p><b>स्पर्श</b></p> <ul style="list-style-type: none"> <li>एवरेस्ट:मेरी शिखर यात्रा</li> <li>रहीम के दोहे कौशल:</li> <li>परिस्थितियों के आगे न झुकना</li> <li>पर्वतारोहण के प्रति जागरूकता</li> <li>सबका साथ सबका विकास, मिलजुल कर कार्य करने में ही सफलता</li> <li>नैतिक मूल्यों का विकास</li> <li>ईश्वर प्रति आस्था</li> <li>कर्म की प्रधानता</li> </ul>	<p><b>NUMBER SYSTEM</b></p> <ul style="list-style-type: none"> <li>Irrational numbers</li> <li>Representing Real numbers on the Number line</li> <li>Operations on Real numbers</li> <li>Apply laws of Exponents in Real numbers</li> </ul> <p><b>Skills</b></p> <ul style="list-style-type: none"> <li>Critical thinking</li> <li>Drawing skills by representing rational numbers and irrational numbers on number line</li> </ul> <p><b>TRIANGLES</b></p> <ul style="list-style-type: none"> <li>Congruence of Triangles</li> <li>Criteria for congruence of Triangles</li> <li>SSS, ASA, AAS, RHS</li> <li>Properties of Triangle</li> <li>Inequalities in a Triangle</li> </ul>	<p><b>PHYSICS</b></p> <p><b>Motion</b></p> <ul style="list-style-type: none"> <li>Numerical problems on equations of motion</li> <li>Uniform circular motion</li> </ul> <p><b>Force and Laws of motion:</b></p> <ul style="list-style-type: none"> <li>First law of motion-The law of Inertia-</li> <li>Momentum</li> <li>Second law of motion</li> <li>Third law of motion</li> </ul> <p><b>Skills:</b></p> <p>Computation skills and Analytical skills</p> <p><b>CHEMISTRY</b></p> <p><b>Ch-1 Matter In our surroundings:</b></p> <ul style="list-style-type: none"> <li>Evaporation</li> <li>Factors affecting evaporation</li> </ul>	<p><b>HISTORY</b></p> <p>Chapter: Socialism in Europe and the Russian Revolution</p> <ul style="list-style-type: none"> <li>Russia before 1914</li> <li>Causes of the 1905 Revolution</li> <li>Causes of February Revolution 1917</li> <li>Causes of October Revolution 1917</li> <li>Consequences of the Russian Revolution</li> </ul> <p><b>Skills</b></p> <p>Critical thinking and analytical reasoning</p> <ul style="list-style-type: none"> <li>Art activity</li> <li>Ek Bharat Shreshtha Bharat activity</li> </ul> <p><b>GEOGRAPHY</b></p> <p><b>PHYSICAL FEATURES OF INDIA</b></p> <p>Sub-topics</p> <ul style="list-style-type: none"> <li>Northern Plains of India</li> </ul>	<ul style="list-style-type: none"> <li>le temps – imparfait</li> <li>Les pronoms personnels</li> <li>La culture et la civilisation (leçons 3,4)</li> <li>Art activity</li> <li>Ek Bharat Shreshtha Bharat activity</li> </ul>	<ul style="list-style-type: none"> <li>Lektion 2 (Wir kaufen nichts)</li> <li>Arbeitsbuch</li> <li>Separable Verbs</li> <li>Art activity</li> <li>Ek Bharat Shreshtha Bharat activity</li> </ul>	<ul style="list-style-type: none"> <li>पाठ- कल्पतरु:</li> <li>पाठ- सूक्तिमौक्तिकम्</li> <li>अपठित गद्यांश</li> <li>पत्रपूर्ति</li> <li>कला एकीकृत गतिविधि एवं एक भारत-श्रेष्ठ भारत गतिविधि</li> </ul>

<ul style="list-style-type: none"> <li>• Writing skill</li> <li>• Informal letter writing</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Thinking and Reasoning</li> <li>• Application of ideas and thoughts</li> <li>• Critical thinking</li> <li>• Analytical thinking</li> <li>• Content, fluency, accuracy</li> </ul> <ul style="list-style-type: none"> <li>• Integrated Grammar</li> <li>• (Modals, Reported speech) Gap filling, editing, omitting</li> </ul> <ul style="list-style-type: none"> <li>• ART INTEGRATION ACTIVITY</li> <li>• EK BHARAT SHRESHTH BHARAT ACTIVITY</li> </ul>	<ul style="list-style-type: none"> <li>• शुद्ध भाषा का ज्ञान</li> </ul> <p>व्याकरण</p> <ul style="list-style-type: none"> <li>• अर्थ की दृष्टि से वाक्य भेद</li> <li>• शब्द व पद</li> </ul> <p>रचनात्मक गतिविधि:</p> <ul style="list-style-type: none"> <li>• पाठ पर आधारित कला गतिविधि</li> <li>• 'एक भारत श्रेष्ठ भारत' विषय पर गतिविधि</li> </ul>	<p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• Logical thinking</li> <li>• Spatial skills</li> <li>• Visualisation</li> <li>• Creating magnificent sceneries to explain numerous concepts in the form of "Warli art"</li> </ul> <ul style="list-style-type: none"> <li>• ART INTEGRATION ACTIVITY</li> <li>• EK BHARAT SHRESHTH BHARAT ACTIVITY</li> </ul>	<p><b>Ch-2 Is Matter Around Us Pure.</b></p> <ul style="list-style-type: none"> <li>• What is a mixture?</li> <li>• Types of mixtures</li> <li>• What is a solution?</li> <li>• Concentration of a solution?</li> <li>• What is a suspension?</li> <li>• Properties of a suspension</li> </ul> <p><b>Skills</b></p> <ul style="list-style-type: none"> <li>* Critical thinking and Problem solving</li> <li>* Computing</li> </ul> <p><b>BIOLOGY TISSUES</b></p> <p><b>Plant Tissues: -</b></p> <ul style="list-style-type: none"> <li>• Meristematic tissues</li> <li>• Permanent tissues (Simple &amp; Complex)</li> </ul> <p><b>Animal tissues: -</b></p> <ul style="list-style-type: none"> <li>• Epithelial</li> <li>• Muscular</li> <li>• Connective</li> <li>• Nervous</li> </ul>	<ul style="list-style-type: none"> <li>• Peninsular Plateau</li> <li>• Coastal Plains</li> <li>• The Great Indian Desert</li> <li>• The Islands</li> </ul> <p><b>Skills:</b> Logical reasoning and map identification</p> <p><b>ECONOMICS</b></p> <p><b>Chapter- 2 People as Resource</b></p> <ul style="list-style-type: none"> <li>• Meaning of people as resource</li> <li>• Difference between human capital and physical capital</li> <li>• Human capital formation</li> <li>• Vicious and virtuous cycles of human development</li> <li>• Economic activities performed by men and women</li> <li>• Importance of Education in human capital formation</li> </ul> <p><b>Skills -</b> Critical thinking and logical reasoning</p>				
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AUG	<p><b>Beehive. A Truly Beautiful Mind</b></p> <ul style="list-style-type: none"> <li>• The Snake and the Mirror</li> <li>• The lake isle of Innisfree</li> <li>• A legend of The Northland</li> <li>• My Childhood</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Analytical Thinking</li> <li>• Comprehension Skills</li> <li>• Logical thinking</li> <li>• Vocabulary building</li> </ul> <p><b>Skills - Poetry</b></p> <ul style="list-style-type: none"> <li>• Poetic devices</li> <li>• Figures of Speech</li> <li>• Rhyme scheme</li> </ul>	<p><b>स्पर्श</b></p> <ul style="list-style-type: none"> <li>• तुम कब जाओगे ,अतिथि</li> <li>• एक फूल की चाह कौशल:</li> <li>• अतिथि देवो भव:</li> <li>• अतिथि शिष्टाचार</li> <li>• मानव धर्म सर्वोत्तम धर्म</li> <li>• समाज की रूढ़ियों का बहिष्कार</li> <li>• वर्ण व्यवस्था:</li> </ul>	<p><b>QUADRILATERALS</b></p> <ul style="list-style-type: none"> <li>• Angle sum property of a Quadrilateral</li> <li>• Types of Quadrilaterals and their properties</li> <li>• The Mid -Point Theorem</li> <li>• Application of mid-point theorem</li> </ul> <p><b>SKILLS</b></p> <ul style="list-style-type: none"> <li>• Understanding symbolic and visual representation</li> <li>• Analytical and Calculation</li> </ul>	<p><b>PHYSICS</b></p> <p><b>Force and laws of Motion</b></p> <ul style="list-style-type: none"> <li>• Law of conservation of momentum</li> </ul> <p><b>Gravitation:</b></p> <ul style="list-style-type: none"> <li>• Universal law of gravitation</li> <li>• Free fall</li> </ul> <p><b>Skills:</b></p> <p>Computation, Interpretation, Analytical Observation</p>	<p><b>GEOGRAPHY DRAINAGE</b></p> <p>Sub-topics</p> <ul style="list-style-type: none"> <li>• Drainage system and drainage basin</li> <li>• Drainage Pattern</li> <li>• Himalayan River System</li> <li>• Peninsular River System</li> <li>• Lakes</li> <li>• Role of rivers and lakes in the economy</li> <li>• Conservation of rivers and lakes</li> </ul> <p><b>Skills:</b> Problem Solving and Evaluation</p> <p><b>POL. SC CHAPTER - Constitutional Design</b></p>	<ul style="list-style-type: none"> <li>• le futur simple</li> <li>• la culture et la civilisation (leçon 5 et 6)</li> </ul>	<ul style="list-style-type: none"> <li>• Fixed prepositions with verbs</li> <li>• Dialog schreiben</li> </ul>	<ul style="list-style-type: none"> <li>• उपसर्ग</li> <li>• उपपद विभक्ति</li> <li>• चित्र वर्णन</li> <li>• संस्कृतानुवाद</li> <li>• पाठ-भ्रान्तः बालः</li> </ul>

<ul style="list-style-type: none"> <li>• Interpretation of text</li> <li>• Understanding theme and symbolism</li> </ul> <p><b>Supplementary Reader</b></p> <ul style="list-style-type: none"> <li>• The Happy Prince</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Extensive Reading</li> <li>• Vocabulary building</li> </ul> <p>Grammar Integrated grammar</p> <ul style="list-style-type: none"> <li>• Determiners, Active and Passive voice</li> </ul> <p>Writing Skills</p> <ul style="list-style-type: none"> <li>• Story writing</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Content Creation</li> <li>• Analytical Thinking</li> <li>• Expression of ideas (fluency and accuracy)</li> <li>• Imagination and visualization skills.</li> </ul> <p>Alternative Academic Calendar Activity</p>	<p>सामाजिक कलंक</p> <ul style="list-style-type: none"> <li>• शुद्ध भाषा का ज्ञान</li> </ul> <p>व्याकरण</p> <ul style="list-style-type: none"> <li>• नारा लेखन</li> </ul> <p>संचयन</p> <ul style="list-style-type: none"> <li>• हामिद खाँ</li> </ul>	<ul style="list-style-type: none"> <li>• Reasoning</li> </ul> <p><u>HERON'S FORMULA</u></p> <ul style="list-style-type: none"> <li>• Semi-perimeter</li> <li>• Area of a Triangle by Heron's Formula</li> <li>• Area of an equilateral triangle</li> <li>• Application of Heron's formula in finding area of a Quadrilateral</li> </ul> <p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• Analytical reasoning</li> <li>• Application of Triangles in real life</li> </ul>	<p><b>CHEMISTRY</b> <b>Ch-2 Is Matter Around Us Pure.</b></p> <ul style="list-style-type: none"> <li>• What is a colloid?</li> <li>• Properties of a colloid</li> <li>• Separating the components of a mixture (All the methods of separation mentioned in NCERT textbook)</li> <li>• Physical and Chemical Changes</li> </ul> <p><b>BIOLOGY</b> <b>WHY DO WE FALL ILL</b></p> <ul style="list-style-type: none"> <li>• Health &amp; its failure</li> <li>• Personal &amp; Community health</li> <li>• Distinction between 'Healthy' &amp; 'Disease free'</li> <li>• Disease and its causes</li> </ul> <p><b>SKILLS</b></p> <ul style="list-style-type: none"> <li>• Critical thinking</li> <li>• Problem solving</li> </ul>	<ul style="list-style-type: none"> <li>• Apartheid in South Africa</li> <li>• Making of the Constitution of South Africa</li> <li>• Need for a constitution</li> <li>• Making of the Indian Constitution</li> <li>• Members of the Constituent Assembly</li> <li>• Guiding Values of the Indian Constitution</li> </ul> <p><b>Skills-critical thinking and analytical reasoning</b></p> <p><b>ECONOMICS</b> <b>CHAPTER-2</b> <b>People as Resource</b></p> <ul style="list-style-type: none"> <li>• Importance of health in human capital formation</li> <li>• Unemployment - meaning</li> <li>• Nature of unemployment in rural and urban areas</li> <li>• Impact of unemployment on economic growth</li> </ul> <p><b>SKILLS-</b> Critical thinking and understanding</p>			
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