



**Bal Bharati**  
PUBLIC SCHOOL

**CLASS X**

**SESSION 2022-23**

**SYLLABUS PLANNER FOR JULY-SEPTEMBER**

MONTH	ENGLISH	HINDI	MATH	SCIENCE	SOC. SCI	FRENCH	GERMAN	SANSKRIT
JULY	<ul style="list-style-type: none"> <li>❖ A Triumph of Surgery</li> <li>❖ The Thief's Story</li> <li>❖ From the Diary of Anne Frank</li> <li>❖ Amanda(Poe m)</li> <li>❖ The Trees(Poem)</li> <li>❖ Letter to the Editor</li> </ul> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Characters</li> <li>• Plot</li> <li>• Theme</li> <li>• Graphic Organiser</li> <li>• Poetic Devices(poe m)</li> <li>• About the poet</li> <li>• Assignment</li> </ul>	<p>पाठ्यपुस्तक - स्पर्श भाग 2</p> <p>उपविषय :-डायरी का एक पन्ना</p> <p>सीताराम सेक्सरिया</p> <p>शिक्षण बिंदु :-</p> <p>पाठ का पठन - पाठन</p> <p>कठिन शब्द</p> <p>आशय स्पष्टीकरण</p> <p>पाठ में प्रयुक्त से व्याकरण विषयों पर चर्चा (उपसर्ग , प्रत्यय, पर्यायवाची, विलोम</p> <p>उपविषय :- तताँरा वामीरो कथा</p> <p>शिक्षण बिंदु :-</p>	<p><b>Topic: Probability</b> <b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Events and Outcomes</li> <li>• Sure and impossible events</li> <li>• Calculating probabilities of an event</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Class test</li> </ul> <p><b>Topic:Coordinate Geometry</b> <b>Teaching Points;</b></p> <ul style="list-style-type: none"> <li>• Distance Formula</li> <li>• section formula</li> <li>• Mid point Formula</li> </ul> <p><b>Assessment;</b></p> <p>Case study questions, maths lab activity</p>	<p><b>PHYSICS</b></p> <p><b>Topic: Light- Reflection &amp; Refraction</b></p> <p><b>Teaching Points :</b></p> <ul style="list-style-type: none"> <li>• Refraction of light.</li> </ul> <p><b>Topic: The Human Eye &amp; Colourful world.</b></p> <p><b>Teaching Points :</b></p> <ul style="list-style-type: none"> <li>• Human eye</li> <li>• Defects of vision &amp; their correction.</li> <li>• Refraction of light through a prism.</li> <li>• Dispersion of Light by a glass Prism</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Worksheet</li> </ul>	<p><b>ECONOMICS</b></p> <p><b>TOPIC- DEVELOPMENT</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Meaning of development</li> <li>• Difference between growth and development</li> <li>• Developmental Goals</li> <li>• Income and other goals</li> <li>• National Development- World Bank and United Nations Criteria</li> <li>• Public Facilities and Sustainable Development</li> </ul>	<p><b>Topic :</b></p> <ul style="list-style-type: none"> <li>• Les adjectifs et les pronoms démonstratifs</li> <li>• La culture et la civilisation</li> <li>• Les pronoms personnels</li> <li>• La négation</li> </ul> <p><b>Assessment</b></p> <p>Worksheets</p> <p>Quiz</p>	<p><b>Teaching points</b></p> <ul style="list-style-type: none"> <li>• <b>Präteritum weak verbs/ strong verbs/ modal verbs</b></li> <li>• <b>preposition s (wechseln) Dativ/ Akk</b></li> </ul> <p><b>Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Work book exercises.</b></li> <li>• <b>Assignments</b></li> </ul>	<p>संस्कृत साहित्य</p> <ul style="list-style-type: none"> <li>• जननी तुल्यवत्सला</li> <li>• सुभाषितानि</li> </ul> <p>व्याकरण</p> <ul style="list-style-type: none"> <li>• प्रत्ययाः</li> </ul> <p>शिक्षण बिन्दवः -</p> <ul style="list-style-type: none"> <li>• शब्दार्थः</li> <li>• सरलार्थः</li> <li>• भाषिककार्य</li> <li>• प्रश्नोत्तराणि</li> <li>• अभ्यास कार्य</li> </ul> <p>मूल्याङ्कनम्- कार्यपत्रिका</p>

	<p>Questions <b><u>Assessment:</u></b></p> <ul style="list-style-type: none"> <li>Worksheet</li> <li>Quiz with different types of MCQs</li> <li>Subjective and objective Questions</li> </ul>	<p>कहानी का पठन - पाठन ,कठिन शब्दों के अर्थ एवं वाक्य प्रयोग</p> <p><b>उपविषय - रचना के आधार पर वाक्य भेद</b></p>	<p><b>Topic:Introduction to Trigonometry</b></p> <p><b>Teaching points:</b></p> <ul style="list-style-type: none"> <li>Six Trigonometric ratios and their applications</li> <li>Ratios of some specific angles</li> <li>Trigonometric - Identities</li> </ul> <p><b>Assessment:</b></p> <p>Crossword,works heet of objective and subjective questions</p>	<ul style="list-style-type: none"> <li>Quiz with different types of MCQs</li> <li>Subjective and objective Questions</li> </ul> <p><b>CHEMISTRY</b></p> <p><b>Topic: Acids , Bases and Salts</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Understanding the chemical properties of acids and bases</li> <li>What do all acids and bases have in common</li> <li>How strong are acid or base solutions</li> <li>More about salts</li> </ul> <p><b>BIOLOGY</b></p> <p><b>Topic- Life Processes</b></p> <p><b>Teaching Points</b></p> <ul style="list-style-type: none"> <li>Excretion</li> </ul> <p><b>Topic: Control and Coordination</b></p> <p><b>Teaching Points:.</b></p> <ul style="list-style-type: none"> <li>Nervous system</li> <li>Neuron</li> <li>Reflex action</li> <li>Transmission of nerve impulse</li> <li>Human brain</li> </ul>	<p><b>GEOGRAPHY</b></p> <p><b>TOPIC - FOREST AND WILDLIFE RESOURCE</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Conservation of Forests and Wildlife</li> <li>Types and Distribution of Forests and wildlife</li> <li>Community and Conservation</li> </ul> <p><b>TOPIC - WATER RESOURCE</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Water Scarcity and need for conservation and management</li> <li>Multi-Purpose River Projects and Integrated Water Resource Management</li> <li>Rainwater Harvesting</li> </ul> <p><b>ASSESSMENT</b></p> <p>1.Case study based questions 2.Cartoon interpretation 3.Worksheets prepared on Objective Questions, Crossword puzzles</p>			
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				<ul style="list-style-type: none"> <li>• Coordination in plants</li> <li>• Hormones in animals</li> </ul> <b>Assessment:</b> <ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Quiz with different types of MCQs</li> <li>• Subjective and objective Questions</li> </ul>	4.Open textbook questions  <b>POLITICAL SCIENCE</b>  <b>TOPIC : FEDERALISM</b>  Teaching points <ul style="list-style-type: none"> <li>• What is Federalism</li> <li>• What makes India a federal country</li> <li>• How is Federalism practiced in India</li> <li>• Decentralisation</li> </ul> <b>ASSESSMENT</b>  1.Case study based questions  2.Cartoon interpretation  3.Worksheets prepared on Objective Questions			
AUGUST	❖ Glimpses of India- A Baker from Goa ❖ Coorg Tea from Assam ❖ Mijbil the Otter ❖ The Midnight	पाठ्यपुस्तक - स्पर्श भाग -2 उपविषय : मनुष्यता मैथिलीशरण गुप्त शिक्षण बिंदु :- कविता का पठन - पाठन , कठिन शब्द	<b>Topic:</b> Area related to Circles  <b>Teaching Points:</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> </ul> <b>Assessment;</b>	<b>PHYSICS:</b>  <b>Topic:</b> The Human Eye & Colourful world.  <b>Teaching Points :</b> <ul style="list-style-type: none"> <li>• Scattering of light.</li> </ul> <b>Topic:</b> Electricity	<b>ECONOMICS</b>  <b>TOPIC- MONEY AND CREDIT</b>  Teaching Points: <ul style="list-style-type: none"> <li>• Meaning of money</li> <li>• Barter system of trade</li> <li>• Evolution of</li> </ul>	<b>Topic :</b> <ul style="list-style-type: none"> <li>• L'interrogation</li> <li>• La culture et la civilisation</li> </ul> <b>Assessment</b> Worksheets	<ul style="list-style-type: none"> <li>• Die App, die den Dieb findet( Arbeitsbuch)</li> <li>• Dialog schreiben</li> <li>• Email schreiben .</li> </ul>	<ul style="list-style-type: none"> <li>• सूक्तयः</li> <li>• सौहार्द प्रकृतेः शोभा</li> </ul> व्याकरण  समासः

	<p><b>Visitor</b></p> <p>❖ <b>Fog (Poem)</b></p> <p>❖ <b>Madam rides the Bus</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Characters</li> <li>Plot</li> <li>Theme</li> <li>Graphic Organiser</li> <li>Poetic Devices(poem)</li> <li>About the poet</li> <li>Assignment Questions</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>Worksheet</li> <li>Quiz with different types of MCQs</li> <li>Subjective and objective Questions</li> </ul>	<p>के अर्थ सरल सहज व्याख्या</p> <p>आशय स्पष्टीकरण</p> <p>उपविषय - पर्वत प्रदेश में</p> <p>पावस(कविता)</p> <p>शिक्षण बिंदु - पहाड़ी क्षेत्र में वर्षा ऋतु के सुरम्य वातावरण का वर्णन करता हुआ ,वहाँ होने वाले विभिन्न परिवर्तनों का वर्णन पर्वतीय अंचल का अपना गुण है कि वे अपने विषय को विभिन्न उपमाओं से सँवार कर उसे अत्यंत हृदयंगम बना देते हैं चित्रमय वर्णन स्वास्थ्य देखभाल और कल्याण - वर्षा ऋतु में स्वास्थ्य के प्रति सजग रहना अति आवश्यक है ।</p> <p><b>विषय - व्याकरण</b></p> <p><b>उपविषय समास एवं उसके भेद</b></p> <p><b>उपविषय -तोप</b></p>	<p>Worksheet of objective and subjective questions</p> <p><b>Topic:Quadratic Equations</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Solution of quadratic equation by factorisation</li> <li>Nature of roots</li> <li>Quadratic Formula</li> <li>Simple real life situational problems based on quadratic equations</li> </ul> <p><b>Assessment:</b></p> <p>Case study questions and worksheet of objective and subjective questions</p> <p><b>Topic;Arithmetic Progression</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Definition of Arithmetic Progression</li> <li>Finding nth term of an A.P.</li> <li>Finding sum of n terms of an A.P.</li> <li>Real life application of</li> </ul>	<p><b>Teaching Points :</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> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>Worksheet</li> <li>Quiz with different types of MCQs</li> <li>Subjective and objective Questions</li> </ul> <p><b>CHEMISTRY</b></p> <p><b>Topic:</b></p> <p><b>Acids , Bases and Salts</b></p> <p><b>Teaching Points</b></p> <ul style="list-style-type: none"> <li>More about salts</li> </ul> <p><b>Metals and non metals</b></p> <p><b>Teaching Points</b></p> <ul style="list-style-type: none"> <li>Physical properties</li> <li>Chemical properties of metals</li> </ul> <p><b>Assessment:</b></p> <p>Case study questions, NCERT questions,Quiz</p> <p><b>BIOLOGY</b></p> <p><b>Topic:How Do</b></p>	<p>money</p> <ul style="list-style-type: none"> <li>Modern day money</li> <li>Role of Banks</li> <li>Formal and Informal sources of credit</li> <li>Terms of Credit</li> <li>SHGs</li> </ul> <p><b>GEOGRAPHY</b></p> <p><b>TOPIC - AGRICULTURE</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>Types of farming</li> <li>Cropping Pattern</li> <li>Major Crops</li> </ul> <p><b>ASSESSMENT</b></p> <p>Assessment will be carried out through</p> <ol style="list-style-type: none"> <li>1.Case study based questions</li> <li>2.Cartoon interpretation</li> <li>3.Worksheets prepared on Objective Questions, Crossword puzzles</li> <li>4.Open textbook questions</li> </ol> <p><b>HISTORY</b></p>	<p><b>Assessment</b></p> <ul style="list-style-type: none"> <li><b>Workbook exercises</b></li> <li><b>Class tests.</b></li> </ul>	<p><b>शिक्षण बिन्दवः -</b></p> <ul style="list-style-type: none"> <li>शब्दार्थः</li> <li>सरलार्थः</li> <li>भाषिककार्य</li> <li>प्रश्नोत्तराणि</li> <li>अभ्यास कार्य</li> </ul> <p><b>मूल्याङ्कनम्-</b></p> <p>कार्यपत्रिका</p>
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		<p>(कविता ) वीरेन डंडवाल शिक्षण बिंदु - जलियाँ वाले बाग की चर्चा करते हुए जनरल डायर के अत्याचारों का वर्णन करते हुए तोप कविता को समझाया जाएगा।</p>	<p>Arithmetic Progression <b>Assessment:</b> Case study questions and worksheet of objective and subjective questions</p>	<p><b>Organisms Reproduce?</b></p> <p><b>Teachg points:</b></p> <ul style="list-style-type: none"> <li>• Reproduction</li> <li>• variation</li> <li>• asexual reproduction</li> <li>• sexual reproduction</li> <li>• reproduction in plants</li> <li>• parts of flower</li> <li>• pollination</li> <li>• fertilization</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Quiz with different types of MCQs</li> <li>• Subjective and objective Questions</li> </ul>	<p><b>TOPIC :NATIONALISM IN INDIA</b></p> <ul style="list-style-type: none"> <li>• Teaching Points</li> <li>• The first world war khilafat and Non cooperation movement</li> <li>• Differing strands within the movement</li> <li>• Towards civil Disobedience</li> <li>• The sense of collective belonging</li> </ul> <p><b>ASSESSMENT</b></p> <p>Assessment will be carried out through</p> <ol style="list-style-type: none"> <li>1. Case study based questions</li> <li>2. Worksheets prepared on Objective &amp; Subjective Questions.</li> <li>3. Open textbook questions</li> </ol>			
SEPTEM BER	<ul style="list-style-type: none"> <li>❖ A Question of Trust</li> <li>❖ Footprints without Feet</li> <li>❖ The Sermon at Benares</li> <li>❖ The Tale of Custard the</li> </ul>	<p>पाठ्यपुस्तक - स्पर्श भाग -2 उपविषय :- तीसरी कसम के शिल्पकार: शैलेन्द्र विषय - लेखन</p>	<p><b>Topic:Circles</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Tangent to a circle at a point of contact</li> <li>• The Tangent at any point of a circle is</li> </ul>	<p><b>PHYSICS:</b> <b>Topic: Electricity</b></p> <p><b>Teaching Points :</b></p> <ul style="list-style-type: none"> <li>• Factors on which the resistance of a conductor depends.</li> </ul>	<p><b>ECONOMICS</b> <b>TOPIC- GLOBALISATION</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Meaning of</li> </ul>	<p><b>Topic :</b></p> <ul style="list-style-type: none"> <li>• Subjonctif</li> <li>• Le discours direct et indirect</li> </ul> <p>Assessment</p>	<ul style="list-style-type: none"> <li>• Einfach Sprachen lernen</li> <li>• Conjunctions. (Als/ob/</li> </ul>	<ul style="list-style-type: none"> <li>• विचित्र: साक्षी व्याकरण सन्धि: शिक्षण बिन्दव: -</li> </ul>

	<p><b>Dragon (Poem)</b></p> <p>❖ <b>The making of a Scientist</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Characters</li> <li>• Plot</li> <li>• Theme</li> <li>• Graphic</li> <li>• Organiser</li> <li>• Poetic</li> <li>• Devices(poem)</li> <li>• About the poet</li> <li>• Assignment Questions</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Quiz with different types of MCQs</li> <li>• Subjective and objective Questions</li> </ul>	<p><b>उप विषय - सूचना लेखन - शिक्षण बिंदु-</b></p> <p>सूचना क्या है उसकी क्या आवश्यकता इत्यादि के विषय में बताकर सूचना लेखन करवाना।</p> <p><b>उपविषय :- कर चले हम फ़िदा कैफ़ी आजमी</b></p> <p><b>शिक्षण बिंदु-</b></p> <p>मनुष्य-मात्र के स्वभाव एवं व्यवहार की जानकारी देना। देश-प्रेम की भावना जागृत करना। कविता की विषयवस्तु को पूर्व में सुनी हुई घटना से संबद्ध करना। नए शब्दों के अर्थ समझकर अपने शब्द- भंडार में वृद्धि करना। साहित्य के पद्य - विधा ( कविता) की जानकारी देना।</p>	<p>perpendicular to the radius at the point of contact (with proof)</p> <ul style="list-style-type: none"> <li>• The lengths of tangents drawn from an external point to a circle are equal(with proof)</li> <li>• Applications of above two theorems</li> </ul> <p><b>Assessment:</b></p> <p>Maths lab activity and worksheet of objective and subjective questions</p>	<ul style="list-style-type: none"> <li>• Resistance of system of resistors</li> <li>• Heating effect of electric current</li> <li>• Electric Power</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Quiz with different types of MCQs</li> <li>• Subjective and objective Questions</li> </ul> <p><b>CHEMISTRY</b></p> <p><b>Metals and non metals</b></p> <ul style="list-style-type: none"> <li>• How do metals and non metals react</li> <li>• Occurrence of metals</li> <li>• Corrosion</li> </ul> <p><b>Assessment:</b></p> <p>Case study questions, NCERT questions, Quiz</p> <p><b>BIOLOGY</b></p> <p><b>Topic:How Do Organisms Reproduce?</b></p> <p><b>Teaching points:</b></p> <ul style="list-style-type: none"> <li>• Germination of seed</li> <li>• Reproduction in human beings.</li> </ul>	<ul style="list-style-type: none"> <li>• Globalisation, Foreign Trade, Foreign Investment, MNCs</li> <li>• Common routes taken by the MNCs</li> <li>• Factors considered before making Foreign Investment</li> <li>• Indian Economy before and after the NEP 1991</li> <li>• Impact of Globalisation on the Indian economy</li> <li>• Role of WTO</li> </ul> <p><b>TOPIC – AGRICULTURE</b></p> <p><b>Teaching Points:</b></p> <ul style="list-style-type: none"> <li>• Technological and Institutional Reforms</li> <li>• Contribution of Agriculture to the national economy employment and output</li> </ul> <p><b>ASSESSMENT</b></p> <p>Assessment will be carried out through</p>	Worksheets	<p><b>obwohl/ weil)</b></p> <ul style="list-style-type: none"> <li>• <b>Comparativ/ superlativ</b></li> </ul> <p><b>Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Workbook</b></li> <li>• <b>Class tests</b></li> </ul>	<ul style="list-style-type: none"> <li>• शब्दार्थः</li> <li>• सरलार्थः</li> <li>• भाषिककार्य</li> <li>• प्रश्नोत्तराणि</li> <li>• अभ्यास कार्य</li> </ul> <p><b>मूल्यांकनम्-</b></p> <p>कार्यपत्रिका</p>
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