



**CLASS X**  
**SESSION 2022-23**  
**SYLLABUS FOR PT-1**

**Max Marks : 30**

**Duration : 1 hour**

SUBJECT	SYLLABUS
ENGLISH	<p><b>LITERATURE</b></p> <p><b>FIRST FLIGHT</b></p> <ul style="list-style-type: none"> <li>• A Letter to God</li> <li>• Nelson Mandela- Long Walk to Freedom</li> <li>• Two Stories about Flying</li> </ul> <p><b>POEMS</b></p> <ul style="list-style-type: none"> <li>• Dust of Snow</li> <li>• Fire and Ice</li> <li>• A Tiger in the Zoo</li> <li>• How to tell Wild Animals</li> <li>• The Ball poem</li> </ul> <p><b>FOOTPRINTS WITHOUT FEET</b></p> <ul style="list-style-type: none"> <li>• A Triumph of Surgery</li> <li>• The Thief's Story</li> </ul> <p><b>INTEGRATED GRAMMAR TOPIC</b></p> <ul style="list-style-type: none"> <li>• Editing</li> <li>• Gap Filling</li> </ul> <p><b>WRITING SKILL</b></p> <ul style="list-style-type: none"> <li>• Letter of Complaint</li> </ul> <p><b>COMPREHENSION READING PASSAGE</b></p>
HINDI	<p>स्पर्श भाग -2</p> <p>पद्य – खंड</p> <ul style="list-style-type: none"> <li>• कबीर</li> <li>• मीरा के पद</li> </ul> <p>गद्य— खंड</p> <ul style="list-style-type: none"> <li>• बड़े भाई साहब</li> </ul> <p>संचयन - हरिहर काका</p> <p>व्याकरण</p> <ul style="list-style-type: none"> <li>• पदबंध</li> <li>• मुहावरे ( केवल पठित पाठों से मुहावरे )</li> <li>• अपठित गद्यांश</li> </ul> <p>लेखन</p> <ul style="list-style-type: none"> <li>• अनुच्छेद</li> <li>• विज्ञापन</li> <li>• औपचारिक पत्र</li> </ul>
MATHS	<p><b><u>Topic1: Linear Equations in two variables</u></b></p> <p><b>Subtopics :</b></p> <ul style="list-style-type: none"> <li>• Graphical Representation of Linear Equations in two variables</li> <li>• Conditions for Consistent or inconsistent systems</li> <li>• Algebraic Methods- 1.Substitution method 2.Elimination by equating the coefficients</li> <li>• Real life applications- word problems</li> </ul> <p><b><u>Topic2: Real Numbers</u></b></p>

	<p><b>Subtopics :</b></p> <ul style="list-style-type: none"> <li>• HCF / LCM of 2 or more numbers and real life applications</li> <li>• Fundamental theorem of Arithmetic</li> <li>• Proving irrationality of numbers</li> </ul> <p><b>Topic3:Polynomials</b></p> <p><b>Subtopics:</b></p> <ul style="list-style-type: none"> <li>• Geometrical meaning of zeros of a linear and quadratic polynomial</li> <li>• To find zeros of a quadratic polynomial</li> <li>• Relationship between zeroes and coefficients of a quadratic polynomial</li> </ul> <p><b>Topic4:Triangles</b></p> <p><b>Subtopics:</b></p> <ul style="list-style-type: none"> <li>• Basic Proportionality Theorem and it's applications</li> <li>• Similar Triangles- definition</li> <li>• Criterias for similarity of triangles -. AAA or AA, SSS, SAS similarity rules and their applications</li> </ul>
<b>SCIENCE</b>	<p><b>PHYSICS</b></p> <p><b>Chapter: Light - Reflection &amp; Refraction</b></p> <p><b>Subtopics:</b></p> <ul style="list-style-type: none"> <li>• Reflection of Light</li> <li>• Spherical mirrors</li> <li>• Image formation by Spherical mirrors</li> <li>• Representation of images formed by Spherical mirrors using ray diagrams.</li> <li>• Sign convention for Reflection by Spherical mirrors.</li> <li>• Mirror formula &amp; magnification.</li> </ul> <p><b>CHEMISTRY Chapter: Chemical reactions and equations</b></p> <p><b>Subtopics:</b></p> <p>1.1 CHEMICAL EQUATIONS</p> <p>1.2 TYPES OF CHEMICAL REACTIONS</p> <p><b>BIOLOGY</b></p> <p><b>Chapter:Life processes</b></p> <p><b>Subtopic:</b></p> <ul style="list-style-type: none"> <li>• What are life processes?</li> <li>• Nutrition</li> <li>• Respiration</li> </ul>

<b>SOCIAL SCIENCE</b>	<p><b><u>ECONOMICS</u></b>  <b>TOPIC-Sectors of the Indian Economy (Full Chapter)</b></p> <p><b><u>HiSTORY</u></b>  <b>Chapter: The rise of nationalism in Europe</b></p> <ul style="list-style-type: none"> <li>• The French Revolution and the Idea of the Nation</li> <li>• The Making of Nationalism in Europe</li> <li>• The Age of Revolutions: 1830-1848</li> <li>• The Making of Germany and Italy</li> <li>• Visualizing the Nation</li> <li>• Nationalism and Imperialism</li> </ul> <p><b><u>POLITICAL SCIENCE</u></b>  <b>Chapter : Power Sharing</b></p> <ul style="list-style-type: none"> <li>• Belgium and Sri Lanka</li> <li>• Majoritarianism in Sri Lanka</li> <li>• Accommodation in Belgium</li> <li>• Forms of power-sharing</li> </ul> <p><b><u>GEOGRAPHY</u></b>  <b>TOPIC - Resource and Development</b></p> <ul style="list-style-type: none"> <li>• Concept and Introduction</li> <li>• Development of Resources</li> <li>• Resource Planning</li> <li>• Conservation of Resource</li> <li>• Land Resource</li> </ul>
<b>GERMAN</b>	<p><b>SECTION A- Lese Text</b>  <b>SECTION B- WRITING SKILLS</b></p> <ul style="list-style-type: none"> <li>• E-mail schreiben</li> </ul> <p><b>SECTION C- Grammar</b></p> <ul style="list-style-type: none"> <li>• Dativ und Akkusativ Präpositionen</li> <li>• Adjektivendungen</li> <li>• Präteritum</li> </ul> <p><b>SECTION D- Magst du grüne Bohnen?</b></p>
<b>FRENCH</b>	<p><b>SECTION A</b>  <b>La compréhension</b></p> <p><b>SECTION B</b>  <b>Writing skills</b></p> <ul style="list-style-type: none"> <li>• Rearranging of dialogues</li> <li>• Le message</li> </ul> <p><b>SECTION C</b>  <b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Les verbes - conditionnel présent, passé composé, plus-que -parfait, futur simple, futur antérieur, impératif, imparfait</li> <li>• la négation</li> <li>• les pronoms relatifs simples et composés</li> <li>• les pronoms possessifs et les adjectifs possessifs</li> </ul> <p><b>SECTION D</b>  <b>La culture et la civilisation</b></p> <ul style="list-style-type: none"> <li>• Leçon 2,3,4</li> </ul>

<b>SANSKRIT</b>	<p>पाठ्यपुस्तिका -शेमुषी</p> <ul style="list-style-type: none"> <li>• पाठ - शुचिपर्यावरणम्</li> <li>• पाठ - बुद्धिर्बलवती सदा</li> <li>• पाठ - जननी तुल्यवत्सला</li> </ul> <p>लेखन कौशल</p> <ul style="list-style-type: none"> <li>• अपठित गद्यांशः</li> <li>• पत्रपूर्तिः</li> <li>• संस्कृतेन अनुवादः</li> <li>• चित्रवर्णनम्</li> </ul> <p>व्याकरणम्</p> <ul style="list-style-type: none"> <li>• अव्ययपदानि</li> <li>• समयलेखनम्</li> <li>• वाच्य</li> <li>• अशुद्धि संशोधनम्</li> </ul>
<b>HOME SCIENCE</b>	<p>Chapter 1- Play</p> <p>Chapter 2- Features of Childhood</p>
<b>PAINTING</b>	<p>Unit-1 Fundamentals of Art</p> <ul style="list-style-type: none"> <li>•Principles of Art</li> </ul> <p>Unit -2 Methods and Materials of Painting</p> <ul style="list-style-type: none"> <li>•Understanding and Appropriate use of Painting Tools and Materials</li> </ul>
<b>COMPUTER APPLICATIONS</b>	<p>CHAPTER - 3 HTML-I (Full Chapter)</p>