



**Yearly Assessment Syllabus  
Academic Year 2023-24  
Class : XI (PCM/PCB)**

S.No.	Subject	Syllabus
01	<b>English</b>	<b>Hornbill-</b> <b>Chapter 1-</b> The Portrait of a Lady <b>Chapter 2-</b> We're not Afraid to Die..... <b>Chapter 7-</b> The Adventure <b>Poem-</b> A Photograph The Laburnum Top The Voice of Rain Childhood Father To Son <b>Snapshots-</b> <b>Chapter 1-</b> The Summer of the Beautiful White Horse <b>Chapter 2-</b> The Address <b>Chapter 5-</b> Mothers Day <b>Chapter 7-</b> Birth <b>Chapter 8-</b> The Tale of Melon City <b>Grammar-</b> Tenses Modals Clauses Transformation of Sentences <b>Reading Skills-</b> Unseen Comprehension <b>Writing Skills-</b> 1.Speech Writing 2.Poster Making 3.Classified Advertisements 4.Creative Writing
02	<b>Physics</b>	<b>Chapter 2:</b> Units and Measurements <b>Chapter 3:</b> Motion in a straight line <b>Chapter 4:</b> Motion in a Plane <b>Chapter 5:</b> Laws of Motion



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		<p><b>Chapter 6:</b> Work, Energy and Power <b>Chapter 7:</b> System of Particles and Rotational Motion <b>Chapter 8:</b> Gravitation <b>Chapter 9:</b> Mechanical Properties of Solids <b>Chapter 10:</b> Mechanical Properties of Fluids <b>Chapter 11:</b> Thermal Properties of Matter <b>Chapter 12:</b> Thermodynamics <b>Chapter 13:</b> Kinetic Theory <b>Chapter 14:</b> Oscillations <b>Chapter 15:</b> Waves</p>
03	<b>Chemistry</b>	<p><b>Chapter 1:</b> Some Basic Concept Of Chemistry <b>Chapter 2:</b> Structure of Atom <b>Chapter 3:</b> Classification Of Elements and Periodicity <b>Chapter 4:</b> Chemical Bonding And Molecular Structure <b>Chapter 5:</b> Chemical Thermodynamics <b>Chapter 6:</b> Equilibrium <b>Chapter 7:</b> Redox Reactions <b>Chapter 8:</b> Organic Chemistry: Some Basic Principles And Techniques <b>Chapter 9:</b> Hydrocarbons</p>
04	<b>Mathematics</b>	<p><b>Chapter 1 :</b> Sets, <b>Chapter 2 :</b> Relation and Functions <b>Chapter 3 :</b> Trigonometric Functions <b>Chapter 4:</b> Complex Number <b>Chapter 5 :</b> Linear Inequalities <b>Chapter 6:</b> Permutations and Combinations <b>Chapter 7:</b> Binomial Theorem <b>Chapter 8:</b> Sequence and Series <b>Chapter 9 :</b> Straight Lines <b>Chapter 10 :</b> Conic Sections <b>Chapter 11:</b> Introduction to Three-dimensional Geometry <b>Chapter 12 :</b> Calculus (Limits and Derivatives) <b>Chapter 13 :</b> Statistics <b>Chapter 14 :</b> Probability</p>
05	<b>Biology</b>	<p><b>Chapter 2:</b> Biological Classification <b>Chapter 3:</b> Plant Kingdom <b>Chapter 4:</b> Animal Kingdom</p>



		<p><b>Chapter 5:</b> Morphology of flowering plants <b>Chapter 7:</b> Structural Organisation in animals <b>Chapter 8:</b> Cell -TheUnit of life <b>Chapter 9:</b> Biomolecules <b>Chapter10:</b> Cell Cycle and Cell Division <b>Chapter 13:</b> Photosynthesis in higher plants <b>Chapter 14 :</b> Respiration in Plants <b>Chapter 15:</b> Plant Growth and Development <b>Chapter 17:</b> Breathing and Exchange of gases <b>Chapter 18:</b> Body Fluids and Circulation <b>Chapter 19:</b> Excretory Products and their Elimination <b>Chapter 21:</b> Neural Control and Coordination <b>Chapter 22:</b> Chemical Control and Coordination</p>
06	<b>Entrepreneurship</b>	<p><b>Unit 1:</b> Entrepreneurship : Concept and Functions <b>Unit 2:</b> An Entrepreneur <b>Unit 3:</b> Entrepreneurial Journey <b>Unit 4:</b> Entrepreneurship as Innovation and Problem solving <b>Unit 5:</b>Concept of Market <b>Unit 6:</b> Business, Finance and Arithmetic <b>Unit 7 :</b> Resource Mobilization</p>
07	<b>Computer Science</b>	<p><b>Unit 1: Computer system and Organization</b></p> <ul style="list-style-type: none"><li>● Basic Computer Organisation</li><li>● Types of Software</li><li>● Operating System</li><li>● Boolean Logic</li><li>● Number System</li><li>● Encoding Schemes</li></ul> <p><b>Unit 2: Computation Thinking and programming-I</b></p> <ul style="list-style-type: none"><li>● Introduction to problem solving</li><li>● Basics of python programming</li><li>● Knowledge of data types</li><li>● Operators</li><li>● Expressions, Statement, Type conversion, and input/output</li><li>● Errors</li><li>● Flow of Control</li><li>● Conditional Statements</li></ul>



		<ul style="list-style-type: none"><li>• Iterative Statements</li><li>• Strings</li><li>• Lists</li><li>• Tuples</li><li>• Dictionary</li><li>• Introduction to Python modules</li></ul> <p><b>Unit-3:Society, Law and Ethics</b></p> <ul style="list-style-type: none"><li>• Digital Footprints</li><li>• Digital Society and Netizen</li><li>• Data Protection</li><li>• Cyber Crime</li><li>• Cyber Safety</li><li>• Malware</li><li>• E-Waste Management</li><li>• IT Act</li><li>• Technology and Society</li></ul>
08	<b>Physical Education</b>	<p><b>Chapter 1:</b> Changing Trends &amp; Career in Physical Education <b>Chapter 2:</b> Olympic Value Education <b>Chapter 3 :</b> Yoga <b>Chapter 4 :</b> Physical Education &amp; Sports for CWSN <b>Chapter 5 :</b> Physical Fitness, Wellness <b>Chapter 6 :</b> Test, Measurements &amp; Evaluation <b>Chapter 7 :</b> Fundamentals of Anatomy and Physiology in Sports <b>Chapter 8 :</b> Fundamentals of Kinesiology and Biomechanics in Sports <b>Chapter 9 :</b> Psychology and Sports <b>Chapter 10 :</b> Training &amp; Doping in Sports</p>