



**ST. VIVEKANAND LOTUS VALLEY PUBLIC SCHOOL**  
**CLASS X**  
**SESSION 2024-25**  
**SYLLABUS OF HALF YEARLY EXAM**

<b>SR. NO</b>	<b>SUBJECT</b>	<b>SYLLABUS</b>
<b>1</b>	<b>SST</b>	<b>Geography</b> Chapter 1. Resources and Development Chapter 2. Forest and Wildlife Resources Chapter 3. Water Resources Chapter 4. Agriculture <b>History</b> Chapter 1. The Rise of Nationalism in Europe Chapter 2. Nationalism in India <b>Political Science</b> Chapter 1. Power Sharing Chapter 2. Federalism Chapter 3. Gender, Religion and Caste in Politics <b>Economics</b> Chapter 1. Development Chapter 2. Sectors of Indian Economy
<b>2</b>	<b>MATHS</b>	Chap-1 Real numbers Chap-2 polynomials Chap-3 pair of linear equation in two variables Chap-4 Quadratic equation Chap-5 Arithmetic progression Chap-7 Coordinate Geometry Chap-8 Introduction to Trigonometry Chap-9 Some applications of trigonometry Chap-11 Area Related to circles
<b>3</b>	<b>SCIENCE</b>	<b>CHEMISTRY</b> Chap-1 chemical reactions and equations Chap-2 acid bases and salt Chap-3 metals and nonmetals <b>BIOLOGY</b> Ch 5 Life Processes      Ch 6 Control and Coordination Ch 7 How do Organism Reproduce <b>PHYSICS</b> Refraction and reflection Human eye and colourful world      Current (till resistance)

4.	ENGLISH	<p>first flight</p> <p>Chapter 1:-A letter to God</p> <p>Chapter 2:-Nelson Mandela</p> <p>Chapter 3:-Two stories about flying</p> <p>Chapter 4:-from the diary of Anne Frank</p> <p>Chapter 5:-Glimpses of India</p> <p>Poetry:-</p> <ol style="list-style-type: none"> <li>1. Dust of snow</li> <li>2. Fire n ice</li> <li>3. A tiger in the zoo</li> <li>4. The Ball poem</li> <li>5. Amanda</li> </ol> <p>Footprints without feet</p> <p>Chapter 1:-A triumph of surgery</p> <p>Chapter 2:-The thief's story</p> <p>Chapter 3:-The midnight visitor</p> <p>Chapter 4:-A question of trust</p> <p>Chapter 5:-Footprints without feet</p> <p>Writing and Grammar</p> <p>Formal letter:-1. Complaint letter</p> <ol style="list-style-type: none"> <li>2. Enquiry letter</li> <li>3. Placing order</li> <li>4. letter to Editor</li> </ol> <p>Analytic Paragraph</p> <p>Integrated Grammar</p> <p>Gap filling</p> <p>Editing</p> <p>Transformation of sentences</p>
5	HINDI	<p>गद्यभाग- बड़ेभाईसाहब, डायरीकाएकपत्रा, ततारावामीरोकथा, अबकहांदूसरोकेदुखसेदुखीहोनेवाले।</p> <p>पद्यभाग- कबीरकीसाखी, मीराकेपद, मनुष्यता, पर्वतप्रदेशमेंपावस, तोप।</p> <p>पुस्तकसंचयन- हरिहरकाका</p> <p>अपठितगद्यांश</p> <p>व्याकरण- पदबंध, वाक्यभेद, वाक्यरूपांतरण, मुहावरे, समास।</p> <p>लेखनकार्य-</p> <p>अनुच्छेदलेखन, पत्रलेखन, सूचनालेखन, विज्ञापनलेखन, कहानीलेखन।</p>
6.	A.I	<p>PART A</p> <p>UNIT 1 COMMUNICATION SKILLS</p> <p>UNIT 2 SELF MANAGEMENT SKILLS</p> <p>PART B</p> <p>UNIT 1 INTRODUCTION TO A.I</p> <p>UNIT 2 A.I PROJECT CYCLE</p> <p>UNIT 3 PHYTON PROGRAMMING</p> <p>UNIT 7 EVALUATION</p>

<b>7.</b>	<b>PHYSICAL ACTIVITY TRAINER</b>	<b>1.Describe the various activities to be conducted by the physical activity facilitator</b> <b>UNIT 2:</b> <b>Describe the various types and tools of assessment</b> <b>2.Prepare assessment report and provide feedback</b> <b>3 Unit 3:</b> <b>Describe the importance and purpose of free- play</b> <b>3.2.Organize Free-play activities</b> <b>3.3.Demonstrate the knowledge of rehabilitation through free-play</b> <b>Communication barrier</b>
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