

**St. Vivekananda Lotus Valley Public School**  
**Session 2024-25**  
**Term 1 – Syllabus**

Subject	Class-XII Science
<b>English</b>	<p><b>Section-A (Reading)</b>            Unseen Comprehension Passage</p> <p><b>Section-B (Writing)</b>            Short Writing: Notice Writing,            Invitation writing (formal &amp; informal) (Invite &amp; Reply)            Long writing            Letter writing ( Letter to Editor, application for job)            Article writing, report writing</p> <p><b>Section-C (Literature)</b>            Flamingo:            Ch1- The Last            Lesson            Ch2- Lost            Spring            Ch3- Deep Water            Ch4-The Rat trap            Ch5- Indigo</p> <p><b>Poem:</b> 1 – My mother at sixty six            2 – Keeping quiet            3 – A thing of Beauty            Vistas: Ch1- The Third Level            Ch2- The Tiger King            Ch3- Journey to the end of            Earth            Ch4- The Enemy</p>
<b>Maths</b>	<p>Chapter 1: Relation and function            Chapter 2: Inverse trigonometric function            Chapter 3: Algebra of matrices            Chapter 4: Determinants            Chapter 5: Matrix continued            Chapter 6: Continuity and differentiability            Chapter 7: Differentiation            Chapter 8: Application of derivatives            Chapter 14: Linear Programming Problem</p>

<b>Chemistry</b>	Chapter1: Solution Chapter 2: Electrochemistry Chapter 3: Chemical kinetics Chapter 4: d and f block Chapter 5: Coordination Compound Chapter 6: Biomolecules
<b>Physics</b>	Unit 1: Electrostatics Unit 2: Current electricity Unit 3: Magnetic Effects of Current and Magnetism Unit 4: Electromagnetic Induction and Alternating Currents Unit 6: Optics Unit 9: Semiconductor
<b>Biology</b>	Unit 6: Ch2: Sexual reproduction in flowering plants Ch3: Human reproduction Ch4: Reproductive health Unit 7: Ch5: Principles of Inheritance and variation Ch6: Molecular basis of inheritance Ch7: Evolution Unit 8: Ch8: Health and diseases
<b>Music</b>	* संक्षिप्त टिप्पणी :- अलंकार, खटका, कण, मींड, मुर्की, गमक ग्राम, मूर्च्छना, आलाप, तान * रागों का समय सिद्धांत * ग्रंथ परिचय :- संगीत रत्नाकर, संगीत पारिजात * जीवन परिचय :- फैयाज़ खान, बड़े गुलाम अली खान, कृष्ण राव शंकर पंडित * झपताल, रूपक ताल धमार ताल * तानपुरा स्वर करने की विधि * राग परिचय :- भैरव, बागेश्वरी, मालकोस * दिए गए स्वर समूह से राग पहचान कर उसका विस्तार करना।
<b>Physical Education</b>	Chapter 1 Management of sporting events Chapter 2 Children and women in sports Chapter 3 Yoga and lifestyle Chapter 4 Children with special needs CWSN Chapter 5 Sports and nutrition
<b>I.T.</b>	<b>Part A:</b> Unit I: Communication Skills-IV Unit II: Self-Management Skill-III Unit III: ICT Skills-III Unit IV: Entrepreneurial Skills-III <b>Part B:</b> Unit I: Database concepts-RDBMS Tools Unit II: Operating Web