

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

Subject	Class-XII Science
English	Section-A (Reading) Unseen Comprehension Passage Section-B (Writing) Short Writing: Notice Writing, Invitation writing (formal & informal) (Invite & Reply) Long writing Letter writing (Letter to Editor, application for job) Article writing, report writing Section-C (Literature) Flamingo: Ch1- The Last LessonCh2- Lost Spring Ch3- Deep Water Ch4-The Rat trap Ch5- Indigo Poem: 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 EarthCh4- The Enemy
Maths	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

Chemistry	Chapter1: Solution Chapter 2: Electrochemistry Chapter 3: Chemical kinetics Chapter 4: d and f block Chapter 5: Coordination Compound Chapter 6: Biomolecules
Physics	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
Biology	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
Music	* संक्षिप्त टिप्पणी :- अलंकार, खटका, कण, मींड, मुकी, 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।
Physical Education	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
I.T.	Part A: Unit I: Communication Skills-IV Unit II: Self-Management Skill-III Unit III: ICT Skills-III Unit IV: Entrepreneurial Skills-III Part B: Unit I: Database concepts-RDBMS Tools Unit II: Operating Web