

St. Vivekananda Lotus Valley Public School

Session 2023-24

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 Lesson Ch2- 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 Earth Ch4- 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
Biology	Unit 6: Ch2: sexual reproduction in flowering plants Ch3: Human reproduction Ch4: Reproductive health Unit 7: Ch5: Principles of Inheritance and variation Unit 8: Ch8: Health and diseases Ch9: Microbes in human welfare Ch10: Biotechnology & Principles processes Ch11: Biotechnology and its applications

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
Music	सक्षिप्त टिप्पणी :- अलंकार, खटका, कण, मीण्ड, मुर्की, गमक, ग्रॉम मूर्च्छना, आलाप, तान रागों का समय सिद्धांत संगीत रत्नाकर, संगीत पारिजात जीवन परिचय :- फैयाज़ खां, बड़े गुलाम अली खां, कृष्ण राव शंकर पंडित झपताल, रूपक ताल, धमार ताल तानपुरा स्वर करने की विधि राग परिचय: भैरव, बागेश्री, मालकौंस दिए गए स्वर समूह से राग पहचान कर उसका विस्तार करना ।
Physical Education	Chapter 1- Planning in sports Chapter 2- Sports and Nutrition Chapter 5- Children and women in sports Chapter 6- Test and measurement in sports Chapter 7- Physiology and Injuries in sports
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