 **GREENWOOD PUBLIC SCHOOL, ADITYAPURAM**

**OUR MOTTO-DEVELOPMENT WITH DELIGHT**

**SYLLABUS FOR CLASS: XII (PCM+PCB) (2021-22)**

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| **MONTHS** | **SUBJECTS** | **BOOKS** | **LESSONS** |
| **MARCH** | **ENGLISH** | **Flamingo** | Introduction to the Curriculum & Question Paper design  1. The Last Lesson |
| **Vistas** | The Third Level |
| **Writing Skills** | Notices, Advertisements, Exercise in Reading Comprehension ASL practice |
| **Poetry** | My Mother at Sixty Six |
| **PHYSICS** |  | Ch-1 Electric Charges and Fields |
| **CHEMISTRY** |  | 2-Solutions  3-Electrochemistry  Practical- Volumetric Analysis + Investigatory Project |
| **MATHEMATICS** |  | 1- Relation & Function |
| **BIOLOGY** |  | Reproduction in Organisms,  Sexual Reproduction in Flowering Plants |
| **PHYSICAL**  **EDUCATION** |  | Unit-1 & Unit-2 |
| **PAINTING** |  | Ch-1: Six Limbs of Indian Painting & Unit-1 |
| **APRIL** | **ENGLISH** | **Flamingo** | 2. Lost Spring |
| **Vistas** | Tiger King |
| **Writing Skills** | Business Letters (Enquiry, Placing Orders, Complaints) |
| **PHYSICS** |  | Ch-2: Electrostatic Potential and Capacitance |
| **CHEMISTRY** |  | 1- Solid State  4- Chemical Kinetics  Practical- Volumetric Analysis + Investigatory Project |
| **MATHEMATICS** |  | 2-Matrices, 3-Determinants |
| **BIOLOGY** |  | Human Reproduction, Reproductive Health |
| **PHYSICAL**  **EDUCATION** |  | Unit-3 & Unit-4 |
| **PAINTING** |  | Unit-2 |
| **JULY** | **ENGLISH** | **Flamingo** | 3. Deep Water  4. The Rattrap |
| **Vistas** | Journey to the End of the Earth The Enemy |
| **Writing Skills** | Note Making & Summarizing, Application for job, ASL practice |
| **Poetry** | An Elementary School Classroom in a Slum |
| **PHYSICS** |  | Ch-3: Current Electricity (Ohm’s Law, Resistors, Types & Combinations, Internal resistance, emf of cell & its combinations, Kichoff’s laws) |
| **CHEMISTRY** |  | 5-Surface Chemistry  6-General Principles and Processes of Isolation of Elements  Practical- Volumetric Analysis + Investigatory Project |
| **MATHEMATICS** |  | 4-Inverse Trigonometric function,  5- Continuity of a function |
| **BIOLOGY** |  | Principal of Inheritance and Variation,  Molecular Basis of Inheritance,  Evolution |
| **PHYSICAL**  **EDUCATION** |  | Unit-5 & Unit-6 |
| **PAINTING** |  | Unit-3 & Unit-4 |
| **AUGUST** | **ENGLISH** | **Flamingo** | 5. Indigo |
| **Vistas** | Should Wizard Hit Mommy? |
| **Writing Skills** | Letter to Editor, Report Writing, Narrative, ASL practice |
| **Poetry** | Keeping Quiet |
| **PHYSICS** |  | Ch-6: Electromagnetic Induction  Ch-7: Alternating Currents |
| **CHEMISTRY** |  | 7-p-Block Elements  8- d-and f-Block Elements  Practical- Salt Analysis + Investigatory Project |
| **MATHEMATICS** |  | 6- Differtiability of a function  7- Application of derivative  8- Integrals & Definite Integration |
| **BIOLOGY** |  | Human Health And Disease, Strategies for Enhancement in Food Production, Microbes in Human Welfare |
| **PHYSICAL**  **EDUCATION** |  | Unit-7 & Unit-8 |
| **PAINTING** |  | Unit-5 |
| **SEPTEMBER** | **ENGLISH** | **Flamingo** | 6. Poets and Pancakes |
| **Vistas** | On the Face of It |
| **Writing Skills** | Invitations and Replies, Article writing, Speech & Debate writing |
| **Poetry** | A Thing of Beauty |
| **PHYSICS** |  | Ch-8: Electromagnetic Waves  Ch-9: Ray Optics and Optical Instruments  Ch-10: Wave Optics |
| **CHEMISTRY** |  | 9-Co-ordination Compounds  10-Haloalkanes and Haloarens  11-Alcohols, Phenols and Ethers  Practical- Content Based + Investigatory Project |
| **MATHEMATICS** |  | 9-Application of Integral  10-Differential equations  11-Vectors, d.r.s.&d.c.s, dot product vector product |
| **BIOLOGY** |  | Biotechnology: Principal And Processes, Biotechnology and Its Application |
| **PHYSICAL**  **EDUCATION** |  | Unit-9 |
| **PAINTING** |  | Revision |
| **OCTOBER** | **ENGLISH** | **Flamingo** | 7. The Interview |
| **Vistas** | Evans Tries an O Level |
| **Writing Skills** | Business Letters (Placing Orders, Complaint), Posters |
| **Poetry** | A Roadside Stand |
| **PHYSICS** |  | Ch-11: Dual Nature of Radiation and Matter  Ch-12: Atoms |
| **CHEMISTRY** |  | 12-Aldehydes Ketones and Carboxylic Acids  13- Organic Compounds Containing Nitrogen  Practical- Content Based + Investigatory Project |
| **MATHEMATICS** |  | 12-Application of vector & scalar product, scalar triple product  13- Three-Dimensional Geometry  14-Linear programming problems |
| **BIOLOGY** |  | Organisms And Populations, Ecosystem, Biodiversity and Conservation |
| **PHYSICAL**  **EDUCATION** |  | Unit-10 |
| **PAINTING** |  | Revision |
| **NOVEMBER** | **ENGLISH** | **Flamingo** | 8. Going Places |
| **Vistas** | Memories of Childhood |
| **Writing Skills** | Official Letters, Exercise in Reading Comprehension, ASL Practice |
| **Poetry** | Aunt Jennifer’s Tigers |
| **PHYSICS** |  | Ch-13: Nuclei  Ch-14: Sermiconductor Electronics & Revision |
| **CHEMISTRY** |  | 14-Biomolecules  15-Polymers  16-Chemistry in Everyday life & Revision |
| **MATHEMATICS** |  | 15-Probability |
| **BIOLOGY** |  | Environmental Issues |
| **PHYSICAL**  **EDUCATION** |  | Revision |
| **PAINTING** |  | Revision |
| **DECEMBER** | **ENGLISH** | **Flamingo** | Revision & I Preboard |
| **Vistas** | Revision & I Preboard |
| **Writing Skills** | Business letters (Recapitulation), Official letters (Recapitulation), Study Material discussion ASL Practice |
| **Poetry** | Revision & I Preboard |
| **PHYSICS** |  | Revision & I Preboard |
| **CHEMISTRY** |  | Revision , I Pre board & Remedial Classes |
| **MATHEMATICS** |  | Revision & I Preboard |
| **BIOLOGY** |  | Revision & I Preboard |
| **PHYSICAL**  **EDUCATION** |  | Revision & I Preboard |
| **PAINTING** |  | Revision & I Preboard |
| **JANUARY** | **ENGLISH** |  | Revision & II Pre board  I Pre board questions discussion, CBSE questions of previous year discussed with Marking Scheme ASL Practice |
| **PHYSICS** |  | Revision & II Pre board |
| **CHEMISTRY** |  | Revision , II Pre board & Remedial Classes |
| **MATHEMATICS** |  | Revision & II Pre board |
| **BIOLOGY** |  | Revision & II Pre board |
| **PHYSICAL**  **EDUCATION** |  | Revision & II Pre board |
| **PAINTING** |  | Revision & II Pre board |
| **FEBRUARY** | **ENGLISH** |  | Revision & ASL Practice |
| **PHYSICS** |  | Revision |
| **CHEMISTRY** |  | Practical Examination & Remedial Classes |
| **MATHEMATICS** |  | Revision |
| **BIOLOGY** |  | CBSE Practical Examinations & Revision |
| **PHYSICAL**  **EDUCATION** |  | Revision |
| **PAINTING** |  | Revision |
| **MARCH** | **ENGLISH** |  | CBSE Board Examination |
| **PHYSICS** |  | CBSE Board Examination |
| **CHEMISTRY** |  | CBSE Board Examination |
| **MATHEMATICS** |  | CBSE Board Examination |
| **BIOLOGY** |  | CBSE Board Examination |
| **PHYSICAL**  **EDUCATION** |  | CBSE Board Examination |
| **PAINTING** |  | CBSE Board Examination |