

ST. FROEBEL SR. SEC. SCHOOL

A-3 BLOCK, PASCHIM VIHAR, NEW DELHI-110063

SYLLABUS: 2011-12

SCIENCE

CLASS – XII A

SYLLABUS DISTRIBUTION

<p>English Books</p>	<p>Reading Skills 1. Unfamiliar comprehension passages – Three 2. Note – making (passages) ADVANCED WRITING SKILLS 1. Short Compositions (a) Classified ads. (b) Notice Writing (c) Invitations and their replies –Four (d) Posters 2. Long compositions a) Article Writing – Five b) Report Writing – Five c) Letter Writing – Five LITERATURE (Text Book) Flamingo : Prose Lesson No. 1, 2, 3, 4, 5 Poems No. 1, 2, 3,4 VISTAS Lesson No. 1, 2, 3, 4,5</p>	<p>Reading Skills 1. Unseen comprehension passages – Three 2. Note – making passages – Three ADVANCED WRITING SKILLS 1. Short Compositions Revision 2. Long compositions a) Article Writing – Five b) Report Writing – Five c) Letter Writing – Five LITERATURE (Text Book) Flamingo : Prose Lesson No. 6, 7, 8 Poems No. 5, 6 VISTAS Lesson No. 6, 7, 8</p>
<p>Maths</p>	<p>Matrices & Determinates Inverse Trigo, Derivative, Application of Derivatives, L.P.P., Indefinite Integral</p>	<p>Definite Integral Application of Integral Vectors, 3D, Diff. Equation, Relations & Functions</p>
<p>BIOLOGY</p>	<p>1. Reproduction 2. Genetics & Evolution 3. Biology in Human welfare</p>	<p>1. Biology in Human Welfare (Contd.) 2. Biotechnology 3. Ecology</p>
<p>Chemistry</p>	<p>Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles, p-Block Elements, d- and f-Block Elements, Co-ordination Compounds</p>	<p>Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic acids, organic compounds containing N, Biomolecules, Polymers,</p>

		chemistry in Everyday life.
Physics	<ol style="list-style-type: none"> 1. Electric Charges and Fields 2. Electrostatic Potential and Capacitances 3. Current Electricity 4. Moving Charges and magnetism 5. Magnetism & Matter 6. Electromagnetic Induction 	<ol style="list-style-type: none"> 7. Alternating Current 8. Electromagnetic Waves 9. Ray Optics and Optical Instruments 10. Wave optics 11. Dual Nature of radiation and matter 12. Atoms 13. Nuclei 14. Semi conductors Material & devices 15. Communication systems
Computer Sc.	Unit -1 <ol style="list-style-type: none"> 1. Rew of C++ 2. Object Oriented Prog. 3. Function Overloading 4. Objects & Classes 5. Constructors & Destructors 6. Inheritance 7. File Handling 8. Pointers 	UNIT-2 <ol style="list-style-type: none"> 9. Data Structures 10. Linked lists, stacks 11. Queues UNIT-3 <ol style="list-style-type: none"> 12. Data Base Concepts 13. SQL UNIT-4 <ol style="list-style-type: none"> 14 Boolean Algebra UNIT-5 <ol style="list-style-type: none"> Networking Concepts
Physical Education	<ol style="list-style-type: none"> 1) Physical Fitness & wellness 2) Meaning in sports 3) Sports & Environment 4) Postures 5) Yoga 	<ol style="list-style-type: none"> 6) Sports & Nutrition 7) Training Method 8) Sociological Aspects of Physical Edu 9) Specialization <ol style="list-style-type: none"> a) Sports awards b) Sports Injuries