



ST. FROEBEL SENIOR SECONDARY SCHOOL

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

SYLLABUS: 2017-18

SCIENCE

CLASS – XI

| SUBJECT | FIRST TERM | MID TERM | FINAL TERM |
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| ENGLISH | I - Reading Skills <ul style="list-style-type: none"> Notes Making Comprehension II - Writing Skills <ul style="list-style-type: none"> Notices Formal Letters Article Writing Advertisement Debate/Speech III - Literature <ul style="list-style-type: none"> Hornbill – <ol style="list-style-type: none"> The Potrait of a lady We're not afraid to Discovering Tut Poems <ol style="list-style-type: none"> A Photograph Voice of the rain Snapshots <ol style="list-style-type: none"> Albert Einstein at school IV – Integrated Grammar | I - Reading Skills <ul style="list-style-type: none"> Notes Making Comprehension II - Writing Skills <ul style="list-style-type: none"> Notices Formal Letters Commercial ads Posters Speech Factual Description Report Writing III - Literature <ul style="list-style-type: none"> Hornbill – <ol style="list-style-type: none"> The Ailing Planet The Browning version Poems <ol style="list-style-type: none"> Childhood Snapshots <ol style="list-style-type: none"> Ranga's Marriage The Address IV – Integrated Grammar | I - Reading Skills <ul style="list-style-type: none"> Notes Making Comprehension II - Writing Skills <p>Complete Writing Skills</p> III - Literature <p>Complete I and II term (Literature) (Recapitulation)</p> <ul style="list-style-type: none"> Poems <p>Father to Son</p> Snapshots <ol style="list-style-type: none"> 5 Mother's Day 6 Birth IV – Basic Grammar <p>V – Canterbury Ghost – Full Book</p> <ul style="list-style-type: none"> Integrated Grammar |

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| | V – Canterville Ghost – Introduction + Ch- 1, 2 | V – Canterville Ghost Ch- 3, 4 | |
| MATHS | Ch. 1, 3, 4, 5, 6, 12, 14 L.P.P. of Class XII | Ch. 2, 7, 8, 9,10, 11, 15, 16 Ch-3 of Class XII | Ch. 13, Limits and Derivatives of Class XII |
| BIOLOGY | Unit 1- Diversity in Living World Unit 2- Structural organization in plants and animals | Unit 3- Cell Structure and function Unit 4- Plant Physiology | Unit 5- Human Physiology |
| CHEMISTRY | Unit 1 Some Basic concepts of Chemistry Unit 2 Structure of Atom Unit 3 Classification of Elements and periodicity in properties Unit 4 Chemical Bonding | Unit 5 States of Matter Unit 6 Thermodynamics Unit 7 Equilibrium Unit 8 Redox Reactions Unit 9 Hydrogen | Unit 10 s – Block Elements Unit 11 p – Block Elements Unit 12 Organic Chemistry – Some Basic Principles & Techniques Unit 13 Hydrocarbons Unit 14 Environmental Chemistry |
| Physics | Unit 1 Physical World Unit 2 Units and Measurements Unit 3 Motion in a straight line Unit 4 Motion in a Plane Unit 5 Laws of Motion | Unit 6 Work – energy and power Unit 7 System of Particles and Rotational Motion Unit 8 Gravitation Unit 9 Mechanical Properties of solids | Unit 10 Mechanical properties of fluids Unit 11 Thermal Properties of Matter Unit 12 Thermodynamics Unit 13 Kinetic theory of Gases Unit 14 Oscillations and Waves |

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| Computer Sc. | Unit 1 Computer Fundamentals Unit 2 Programming Methodology | Unit 3 Introduction to Programming Language | Unit 4 Programming using an Object Oriented Language |
| Physical Education | 1. Physical fitness, wellness and lifestyle 2. Changing trends and Career in Physical Education 3. Olympic movements 4. Yoga | 1. Doping 2. Physical Activity Environment 3. Test and Measurements in sports 4. Fundamentals of Anatomy & Physiology | 1. Biomechanics & sports 2. Psychology in sports 3. Training in sports 4. Physical fitness Athletics – any two events – Sprints & Jumps |