

FR. AGNEL SCHOOL, NEW DELHI
HALF YEARLY SYLLABUS (2020-21)
CLASS XI

SUBJECT	SYLLABUS
ENGLISH	<p>Reading: Comprehension of unseen passages Writing: Notice, Poster, Letter Placing an Order, Letter of Complaint, Letter of Enquiry, Article Writing, Speech writing Grammar: (Gap filling) Tenses, Determiners, Prepositions, Subject Verb Agreement, Active & Passive Voice</p> <p>Hornbill: The Portrait of a Lady, A Photograph, We're Not Afraid to Die, Discovering Tut, Laburnum Top Snapshots: The Summer of the Beautiful White Horse, The Address, Ranga's Marriage, Albert Einstein at School</p>
MATHEMATICS	<p>Chapter-1 Sets Chapter-2 Relations and Functions Chapter-3 Trigonometric Functions Chapter-5 Complex Numbers and Quadratic Equations Chapter-6 Linear Inequalities Chapter-10 Straight Lines Chapter-12 Introduction to three Dimensional Geometry Chapter-13 Limits and Derivatives</p>
PHYSICS	<p>Chapter 2 Units and Measurements Chapter 3 Motion in one Dimension Chapter 4 Motion in a plane Chapter 5 Laws of motion Chapter 6 Work, Energy and power Chapter 8 Rotational Motion</p>
CHEMISTRY	<p>Unit 1- Some basic concepts of chemistry. Unit 2- Structure of Atom. Unit 3- Periodic Classification of elements. Unit 4- Chemical bonding and molecular structures. Unit 5 - States of Matter. Unit 6- Thermodynamics. Unit 9- Hydrogen.</p>
BIOLOGY	<p>CH2-Biological classification. CH3-Plant kingdom CH 4-Animal kingdom. CH 8- Cell- the unit of life CH 17.Breathing & exchange of gases CH18-Body fluids & Circulation CH 19-Excretory products & their elimination. CH20-Locomotion & movement.</p>

<p>COMPUTER SCIENCE</p>	<p>COMPUTER SYSTEMS AND ORGANIZATION</p> <ul style="list-style-type: none"> • Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits • Number System: numbers in base 2, 8, 16 and binary addition. <p>PYTHON</p> <ul style="list-style-type: none"> • Basics of Python • Errors • Conditional statements • Iterative statements • Strings & its functions • Lists & its functions
<p>ACCOUNTANCY</p>	<ol style="list-style-type: none"> 1. Introduction to Accounting 2. Basic Terms Used in Accounting 3. Theory Base of Accounting 4. Bases of Accounting 5. Accounting equation 6. Rules of Debit and Credit 7. Source documents 8. Journal, Ledger, Trial Balance 9. Cash book 10. Special purpose books: Other books 11. Bank Reconciliation Statement
<p>BSUINESS STUDIES</p>	<ol style="list-style-type: none"> 1. Evolution of Business, 2. Forms of Business Organization, 3. Public, Private & Global enterprises, 4. Business Services, 5. Emerging modes of Business, 6. Social responsibilities
<p>ECONOMICS</p>	<p>Micro Economics: Introduction, Demand, Elasticity of Demand, Consumer's Equilibrium. Statistics: Introduction, meaning scope and importance of Statistics, Collection, Organisation and Presentation of Data (Full), Measures of Central Tendency</p>
<p>INFORMATICS PRACTICES</p>	<ol style="list-style-type: none"> 1. Basics of Python 2. Selection statements 3. Iterative statements
<p>GEOGRAPHY</p>	<p>Book 1 : Fundamentals of Physical Geography Ch 1 - Geography as a Discipline Ch 2 - The Origin and Evolution of the Earth Ch 3- Interior of the Earth Ch 4- Distribution of Oceans and Continents Ch 5 - Minerals and Rocks Ch 6 - Geomorphic Processes Ch 7 - Landforms and their Evolution Book 2: India Physical Environment Ch 1- India Location Ch 3 - Drainage System</p>

POLITICAL SCIENCE	Part A: Indian Constitution at Work 1. Constitution 2. Election and Representation 3. Legislature 4. Executive 5. Judiciary 6. Local Governments
PSYCHOLOGY	chapter 1 what is psychology, chapter 2 methods of enquiry, chapter 3 bases of human behaviour, chapter 4 human development
SOCIOLOGY	Book1- Ch1- Sociology and Society, Ch2-Terms concepts and their use in Sociology, Ch3-Understanding Social Institutions, Ch4-Culture and Socialisation and Ch5- Doing Sociology:Research Methods
PHYSICAL EDUCATION	<ol style="list-style-type: none"> 1. Changing trends and career in physical education 2. Olympic value education 3. Physical fitness, wellness and lifestyle 4. Physical education and sports for CWSN 5. Yoga 6. Physical activity and leadership training