



GATEWAY INTERNATIONAL SCHOOL
Syllabus of Half Yearly Examination 2018-19)

Class- XI (Science)

Subject	Syllabus
English	<p>Reading Comprehension</p> <p>Note making</p> <p>Prose The Portrait of a Lady The Summer of the Beautiful White Horse The Address `We are not Afraid to Die Discovering Tut The Saga Ranga's Marriage Albert Einstein at School Landscape of the Soul</p> <p>Poetry The Laburnum Top Voice of the Rain A Photograph</p> <p>Grammar Determiners, Active Passive, Tenses</p> <p>Writing Notice, Article Writing, Poster Making, Letter Writing,Speech (All topics done in class)</p>
Physics	<p>Unit-1 Dimensions and dimensional analysis Unit-2 Motion (Uniform motion, acceleration, Scalars and vectors and projectile motion) Unit-3 Newton Laws of Motion Unit-4 Work Energy and Power Unit-5 Rotational Motion Unit-6 Gravitation</p> <p>Practical: Viva from the project</p>
Chemistry	<p>Ch-1 Some Basic Concepts of Chemistry Ch-2 Atomic Structure Ch-3 Classification of elements and periodicity in properties Ch-4 Chemical Bonding Ch-5 States of matter Ch-6 Thermodynamics Ch-8 Redox reactions</p> <p>Practical: Viva from the project</p>
Mathematics	<p>Chapter 1: Sets Chapter 2: Relations function Chapter 3: Trigonometry Chapter 4: PMI Chapter 5: Complex Nos Chapter 6: Inequations</p> <p>Chapter 7: Permutations Combination Chapter 8: Binomial Theorem</p>
Biology	<p>Ch-16 Digestion and Absorption Ch-17 Body Fluids and Circulation Ch-18 Body Fluids and circulation Ch-19 Excretory products and their elimination</p>

	<p>CH-20 Locomotion and Movement CH-21 Control and Co-ordination Ch-22 Chemical Coordination and Integration Ch-1&2 The Living World and Biological Classification Ch-8 Cell: The Unit of Life Ch-9 Biomolecules Ch-10 Cell Cycle and cell division</p> <p>Practical: Viva from the project/Osmometer/Chromatography/Spotting</p>
Informatics Practices	<p>Ch-3 Getting started with Programming using IDE Ch-4 Programming Fundamentals Ch-11 Introduction to MySQL Ch-12 Simple Queries in SQL Ch-13 MySQL functions Ch-14 Table creation and Data Manipulation Commands Ch-15 I.T applications</p> <p>Practical Ch-3 Getting started with Programming using IDE Ch-4 Programming Fundamentals Ch-12 Simple Queries in SQL Ch-13 MySQL functions Ch-14 Table creation and Data Manipulation Commands</p>
Physical Education	<p>Chapter-1 Changing Trends and Career in Physical Education Chapter-2 Olympic Movement Chapter-3 Physical Fitness, Wellness and Lifestyle Chapter 4: Physical Education and Sports for Differently- Chapter 5: Yoga Chapter-6 Physical Activity & Leadership Training</p> <p>Practical:</p> <ul style="list-style-type: none"> ➤ Physical Fitness ➤ Viva ➤ Record file ➤ Skill of any one team game
Fine Arts	<p>Ch 1- Art-an Introduction Ch 2-Art and Culture Ch 3- Origin and Development of Different Forms of Fine Arts in India Ch 4- Prehistoric Rock Painting Ch 5- Art of Indus Valley Ch 6-The Art during Mauryan, Shunga, Kushana and Gupta Periods Ch 7- The Art of Ajanata Caves</p> <p>Practical Still Life Painting</p>