



GOLDEN GATE GLOBAL SCHOOL

CLASS –XI Science ANNUAL SYLLABUS (2024-25)

Subject	Syllabus
English	Hornbill –ALL THE POEMS AND LESSONS Snapshot –ALL THE LESSONS Reading Comprehension, Note Making Writing – Posters, Advertisements, Speech and Debate Grammar- Integrated Exercises (gap filling , jumbled words , transformation of sentences)
Physics	Unit & Measurement Motion in 1D & 2D Laws of Motion Work, Energy & Power System of Particle & Rotational Motion Gravitation Mechanical Properties of Solid Mechanical Properties of Fluid Thermal Properties of Matter Thermodynamics Kinetic Theory of Gases Oscillation Waves
Chemistry	Mole concept Structure of Atom Chemical bonding and molecular structure Thermodynamics Equilibrium Redox reaction GOC Hydrocarbon
Mathematics	Sets Relations and Function Trigonometric Function Complex Numbers Linear Inequalities Permutation and Combination Binomial Theorem Sequence and Series Straight line Conic section Introduction to 3 D Limits and Derivatives Statistics Probability

<p>Biology</p>	<p>Unit -1 Biological Classification Plant Kingdom Animal kingdom Unit -2 Morphology of flowering plant Anatomy of flowering plant Structural organization in plants</p> <p>Unit- -3 Cell Biomolecules Cell cycle Unit -4 Photosynthesis in higher plants Respiration in plants Plant Growth and development Unit -5 Breathing and exchange of gases Body fluids and circulation Excretory system Locomotion Neural Control and coordination</p>
<p>Computer Science</p>	<p>Chapter-6 Python Fundamentals Chapter-7 Data Handling Chapter-8 Flow of Control Chapter-9 String Manipulation Chapter-10 List Manipulation Chapter-11 Tuples Chapter-12 Dictionaries Chapter-13 Cyber Safety Chapter-14 Online Access and Computer Security Chapter-15 Society, Law and Ethics</p>
<p>Physical Education</p>	<p>Chapter 1- Changing Trends & Career in Physical Education Chapter 2- Olympism Value Education Chapter 3- Yoga Chapter 4- Physical Education and Sports For Children with Special needs Chapter 5- Physical Fitness , Wellness and Life Style Chapter 6- Test , Measurement and Evaluation Chapter 7- Fundamental of Anatomy, Physiology in Sports Chapter 8- Fundamental of Kinesiology and Biomechanics in Sports Chapter 9- Psychology and Sports Chapter 10- Training & Doping in Sports</p>

GGGS.. because you deserve the best!!