



**G.D. GOENKA INTERNATIONAL SCHOOL**  
Pragati Shiksha Kendra, Sejbahar, Raipur (C.G.)

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**TERM WISE SYLLABUS BREAKUP**  
**GRADE – XI (SCIENCE)**

**ENGLISH**

TERM I	TERM II
<p><b>Reading:</b></p> <ul style="list-style-type: none"> <li>● Reading Comprehension</li> <li>● Note-Making and Summary</li> </ul> <p><b>Writing:</b></p> <ul style="list-style-type: none"> <li>● Poster</li> <li>● Advertisements</li> <li>● Speech</li> <li>● Debate</li> </ul> <p><b>Grammar:</b></p> <ul style="list-style-type: none"> <li>● Editing/Gap Filling</li> <li>● Reported Speech</li> </ul> <p><b>Hornbill :</b></p> <ul style="list-style-type: none"> <li>● Ln 1 - The Portrait of a Lady</li> <li>● Ln 2 - We are not afraid to die.....</li> <li>● P 1 - A Photograph</li> <li>● P 2 - Laburnum Top</li> <li>● P 3 - The Voice of the Rain Prose:</li> </ul> <p><b>Snapshots</b></p> <ul style="list-style-type: none"> <li>● Ln 1 - The Summer of the Beautiful White Horse</li> <li>● Ln 2 - The Address</li> </ul>	<p><b>Reading:</b></p> <ul style="list-style-type: none"> <li>● Reading Comprehension</li> <li>● Note-Making and Summary</li> </ul> <p><b>Writing:</b></p> <ul style="list-style-type: none"> <li>● Advertisements</li> <li>● Poster</li> <li>● Debate</li> <li>● Speech</li> </ul> <p><b>Grammar:</b></p> <ul style="list-style-type: none"> <li>● Editing /Gap-filling</li> <li>● Reported Speech</li> </ul> <p><b>Hornbill :</b></p> <ul style="list-style-type: none"> <li>● Ln 3 - Discovering Tut</li> <li>● Ln 7- The Adventure</li> <li>● Ln 8 - Silk Road</li> <li>● P 4 - Childhood</li> <li>● P 5 - Father to Son Prose:</li> </ul> <p><b>Snapshots</b></p> <ul style="list-style-type: none"> <li>● Ln 5 - Mother's Day</li> <li>● Ln 7 - Birth</li> <li>● Ln 8 - The Tale of Melon City</li> </ul>

**PHYSICS**

TERM I	TERM II
<ul style="list-style-type: none"> <li>● Ch 1- Units and Measurements</li> <li>● Ch 2 - Motion in a Straight Line</li> <li>● Ch 3 - Motion in a Plane</li> <li>● Ch 4 - Laws of Motion</li> <li>● Ch 5 - Work, Energy, and Power</li> <li>● Ch 6 - System of Particles and Rotational Motion</li> <li>● Ch 7 - Gravitation</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>	<ul style="list-style-type: none"> <li>● Ch 8 - Mechanical Properties of Solids</li> <li>● Ch 9 - Mechanical Properties of Fluids</li> <li>● Ch 10- Thermal Properties of Matter</li> <li>● Ch 11- Thermodynamics</li> <li>● Ch 12- Kinetic Theory</li> <li>● Ch 13 - Oscillations</li> <li>● Ch 14 -Waves</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>

**CHEMISTRY**

TERM I	TERM II
<ul style="list-style-type: none"> <li>● Unit1- Some Basic Concepts Of Chemistry</li> <li>● Unit 2- Structure of Atom</li> </ul>	<ul style="list-style-type: none"> <li>● Unit 6- Equilibrium</li> </ul>

<ul style="list-style-type: none"> <li>● Unit 3- Classification of Elements and Periodicity in Properties</li> <li>● Unit 4-Chemical Bonding and Molecular Structure</li> <li>● Unit 5- Thermodynamics</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>	<ul style="list-style-type: none"> <li>● Unit 7- Redox Reactions</li> <li>● Unit 8- Organic Chemistry- Some basic Principles and Techniques</li> <li>● Unit 9 - Hydrocarbons</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>
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### MATHS

TERM I	TERM II
<ul style="list-style-type: none"> <li>● Ch 1 - Sets</li> <li>● Ch 2 - Relations and Functions</li> <li>● Ch 3 -Trigonometric Functions</li> <li>● Ch 5 - Complex Numbers and Quadratic Equations</li> <li>● Ch 6 - Linear Inequalities</li> <li>● Ch 9 - Sequence and Series</li> <li>● Ch 13 - Limits and Derivatives</li> </ul>	<ul style="list-style-type: none"> <li>● Ch 7 - Permutations and Combinations</li> <li>● Ch 8 - Binomial Theorem</li> <li>● Ch 10 - Straight Lines</li> <li>● Ch 11 - Conic Sections</li> <li>● Ch 12 - Introduction to Three Dimensional Geometry</li> <li>● Ch 15 - Statistics</li> <li>● Ch 16 - Probability</li> </ul>

### BIOLOGY

TERM I	TERM II
<ul style="list-style-type: none"> <li>●Ch 1- The Living World</li> <li>●Ch 2- Biological Classification</li> <li>●Ch 3- Plant Kingdom</li> <li>●Ch 4- Animal Kingdom</li> <li>●Ch 5- Morphology of Flowering Plants</li> <li>●Ch 6- Anatomy of Flowering Plants</li> <li>●Ch 7- Structural Organization in Animals</li> <li>●Ch 8- Cell-The Unit of Life</li> <li>●Ch 9- Biomolecules</li> <li>●Ch 10- Cell Cycle and Cell Division</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>	<ul style="list-style-type: none"> <li>● Ch 13- Photosynthesis in Higher Plants</li> <li>● Ch 14- Respiration in Plants</li> <li>● Ch15- Plant - Growth and Development</li> <li>● Ch 17- Breathing and Exchange of Gases</li> <li>● Ch 18- Body Fluids and Circulation</li> <li>● Ch 19- Excretory Products and their Elimination</li> <li>● Ch 20- Locomotion and Movement</li> <li>● Ch 21- Neural Control and Coordination</li> <li>● Ch 22- Chemical Coordination and Integration</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>

### PHYSICAL EDUCATION

TERM I	TERM II
<ul style="list-style-type: none"> <li>● Ch 1- Changing Trends careers in Physical education</li> <li>● Ch 2- Olympism</li> <li>● Ch 4- Physical Education and Sports for Children with Special Needs</li> <li>● Ch 5-Physical Fitness, Wellness, and Lifestyle</li> <li>● Ch 7- Fundamentals of Anatomy Physiology in sports</li> <li>● Ch 8- fundamentals of kinesiology and biomechanics in sports</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>	<ul style="list-style-type: none"> <li>● Ch 3- Yoga</li> <li>● Ch 6- Test, Measurement and Evaluation</li> <li>● Ch 9- Psychology and Sports</li> <li>● Ch 10- Training and Doping in Sports</li> </ul> <p><b>Practical</b> Practicals will be conducted during the term as per the CBSE syllabus.</p>

## INFORMATICS PRACTICES

<b>TERM I</b>	<b>TERM II</b>
<ul style="list-style-type: none"><li>● Unit -1 Introduction to Computer System</li><li>● Unit – 2 Introduction to Python</li></ul> <p><b>Project:</b> Programs Based on Python</p>	<ul style="list-style-type: none"><li>● Unit – 3 Database Concept and the structured Query Language</li><li>● Unit- 4 Introduction to Emerging Trends</li></ul> <p><b>Project:</b> SQL Queries</p>