

**ST.TERESA SCHOOL ,INDIRAPURAM (GHAZIABAD)**  
**SYLLABUS GRADE XI SCIENCE(2024-25)**

**1. ENGLISH**

<b><u>MONTH</u></b>	<b>CHAPTER</b>
<b><u>APRIL</u></b>	The Portrait of a Lady The Summer of the Beautiful White Horse A Photograph Poster
<b><u>MAY</u></b>	Laburnum Top The Address We're not Afraid to Die Note Making
<b><u>JUNE</u></b>	Summer Vacation
<b><u>JULY</u></b>	Discovering Tut The Voice of the Rain Classified Advertisement
<b><u>AUGUST</u></b>	Mother's Day Debate Speech
<b><u>SEPTEMBER</u></b>	Birth
<b><u>OCTOBER</u></b>	Father to Son,A Tale of A Melon City
<b><u>NOVEMBER</u></b>	Childhood,Silkroad
<b><u>DECEMBER</u></b>	Revision
<b><u>JANUARY 25</u></b>	Revision

**2. PHYSICS**

<b><u>MONTH</u></b>	<b>CHAPTER</b>
---------------------	----------------

<b><u>APRIL</u></b>	<b>1. Units &amp; Measurement</b> <b>2. Mathematical tools</b> <b>3. Motion in a straight line</b>
<b><u>MAY</u></b>	<b>4. Motion in a Plane</b> <b>5. Laws of Motion</b>
<b><u>JUNE</u></b>	SUMMER VACATION / REVISION
<b><u>JULY</u></b>	<b>6. Work, Energy &amp; Power</b> <b>7. System of Particles &amp; Rotational Motion</b> <b>8. Gravitation</b>
<b><u>AUGUST</u></b>	<b>9. Solids</b> <b>10. Fluids</b>
<b><u>SEPTEMBER</u></b>	<b>REVISION</b> <b>HY EXAMINATION</b>
<b><u>OCTOBER</u></b>	<b>14. Oscillations</b> <b>15. Waves</b>
<b><u>NOVEMBER</u></b>	<b>11. Thermal Properties of Matter</b> <b>12. Thermodynamics</b> <b>13. Kinetic Theory of Gases</b>
<b><u>DECEMBER</u></b>	REVISION
<b><u>JANUARY 25</u></b>	ANNUAL EXAMINATION

### 3. CHEMISTRY

<b><u>MONTH</u></b>	<b>CHAPTER</b>
<b><u>APRIL</u></b>	Unit -1 Some Basic Concepts of Chemistry Unit -2 Structure of Atom (half till Bohr Model)
<b><u>MAY</u></b>	Unit -2 Structure of Atom (Continued) Unit -3 Classification of Elements and Periodicity in Properties
<b><u>JUNE</u></b>	SUMMER BREAK
<b><u>JULY</u></b>	Unit -4 Chemical Bonding and Molecular Structure

	Unit -7 Redox Reaction
<b><u>AUGUST</u></b>	Unit -8 Organic Chemistry: Some basic Principles and Techniques
<b><u>SEPTEMBER</u></b>	Revision and Half yearly examination
<b><u>OCTOBER</u></b>	Unit -9 Hydrocarbons Unit -5 Chemical Thermodynamics
<b><u>NOVEMBER</u></b>	Unit - 6 Equilibrium
<b><u>DECEMBER</u></b>	Revision
<b><u>JANUARY 25</u></b>	Revision

#### 4. MATHEMATICS

<b><u>MONTH</u></b>	<b>CHAPTER</b>
<b><u>APRIL</u></b>	Sets ,Relation and functions
<b><u>MAY</u></b>	Trigonometry,Complex No
<b><u>JUNE</u></b>	Summer Break
<b><u>JULY</u></b>	Linear Ineq,P @C,Binomial,Seq and Series
<b><u>AUGUST</u></b>	The Straight Lines
<b><u>SEPTEMBER</u></b>	Contd ...Revision
<b><u>OCTOBER</u></b>	Conic section,3D,Probability
<b><u>NOVEMBER</u></b>	Probability Contd. .Calculus
<b><u>DECEMBER</u></b>	Calculus @ doubts Clearing
<b><u>JANUARY 25</u></b>	Revision

#### 5. BIOLOGY

<b><u>MONTH</u></b>	<b>CHAPTER</b>
---------------------	----------------

<b><u>APRIL</u></b>	Ch-1 The Living World,Ch-2 Biological classification,Ch-3 Plant Kingdom ,Ch-4 Animal Kingdom
<b><u>MAY</u></b>	Ch-5 Morphology of Flowering Plants,Ch-6 Anatomy of Flowering Plants ,Ch-7 Structural Organisation in Animals.
<b><u>JUNE</u></b>	Summer Break
<b><u>JULY</u></b>	Ch-8- Cell: The Unit of Life, Ch 9- Biomolecules, Ch-10 Cell Cycle and Cell Division
<b><u>AUGUST</u></b>	Ch13- Photosynthesis in Higher Plants,Ch-14 Respiration in Plants ,Ch-15 Plant Growth and Development
<b><u>SEPTEMBER</u></b>	Revision and Half yearly examination
<b><u>OCTOBER</u></b>	Ch-17 Breathing and Exchange of Gases,Ch-18 Body fluid and Circulation ,Ch-19 Excretory Products and their Elimination
<b><u>NOVEMBER</u></b>	Ch- 20 Locomotion and Movement, Ch- 21 Neural Control and Coordination,Ch-22 Chemical Coordination and Integration
<b><u>DECEMBER</u></b>	Revision
<b><u>JANUARY 25</u></b>	Revision

Ch no. 11,12,16 are deleted from CBSE.

## 6. COMPUTER SCIENCE (083)

<b><u>MONTH</u></b>	<b><u>CHAPTER</u></b>
<b><u>APRIL</u></b>	Basics of Python Lists String
<b><u>MAY</u></b>	Dictionary Tuples
<b><u>JUNE</u></b>	Summer Break
<b><u>JULY</u></b>	Iterative Statement Selection Statement

<b><u>AUGUST</u></b>	Iterative Statement Computer Systems and Organisation
<b><u>SEPTEMBER</u></b>	Revision + Half Yearly Examination
<b><u>OCTOBER</u></b>	Text File Handling CSV File Handling
<b><u>NOVEMBER</u></b>	Binary File Handling SQL
<b><u>DECEMBER</u></b>	Society, Law and Ethics
<b><u>JANUARY 25</u></b>	Revision + Final Examination

## 7. PHYSICAL EDUCATION

<b><u>MONTH</u></b>	<b>CHAPTER</b>
<b><u>APRIL</u></b>	Ch-1 Changing Trends & Career in Physical Education Ch- 2 Olympic Value Education
<b><u>MAY</u></b>	Ch- 3 Yoga
<b><u>JUNE</u></b>	Summer Break
<b><u>JULY</u></b>	Ch-4 Physical Education and Sports for CWSN Ch- 5 Physical Fitness and Wellness
<b><u>AUGUST</u></b>	Ch- 6 Test Measurement and Evaluation Ch-7 Fundamental of Anatomy and Physiology
<b><u>SEPTEMBER</u></b>	Half yearly Exam Revision
<b><u>OCTOBER</u></b>	Ch- 8 Fundamental of Kinesiology and Biomechanics Ch- 9 Psychology and Sports
<b><u>NOVEMBER</u></b>	Ch- 10 Training & Doping in Sports
<b><u>DECEMBER</u></b>	Revision (Unit I-X)

<b><u>JANUARY 25</u></b>	Revision
--------------------------	----------

## **8. PAINTING**

<b><u>MONTH</u></b>	<b>CHAPTER</b>
<b><u>APRIL</u></b>	1.Prehistoric Rock Painting 2. Indus Valley artefacts Still Life ( pencil Shading)
<b><u>MAY</u></b>	Revision ( Unit-1) Mauryan, Kushan and Gupta art. Nature Study ( water colour landscape)
<b><u>JUNE</u></b>	Summer Break
<b><u>JULY</u></b>	Ajanta Art Still life ( water colour) Nature Study ( Birds)
<b><u>AUGUST</u></b>	Temple Sculptures Nature Study ( animals and flowers)
<b><u>SEPTEMBER</u></b>	Revision Half yearly Examination. Bronze Sculpture Water colour composition
<b><u>OCTOBER</u></b>	Indo- Islamic Architecture Portraiture ( pencil Shading and water colour)
<b><u>NOVEMBER</u></b>	Revision Still life
<b><u>DECEMBER</u></b>	Revision
<b><u>JANUARY 25</u></b>	

