



**FIRAYALAL PUBLIC SCHOOL, RANCHI**

**SYLLABUS SESSION- 2026-27)**

**GRADE: XI SCIENCE (A+B)**

SUBJECT	SYLLABUS
BIOLOGY	CYCLE -1 L-1. The living world CYCLE- 2 L-2. Biological classification, L-3 Cell- The unit of life L-4 Biomolecules Midterm L-1. The living world L-2. Biological classification, L-3 Cell- The unit of life L-4 Biomolecules L-5 Cell cycle and cell division L-6 Morphology of flowering plant
PHY	Class 11 physics Syllabus Cycle Test-I Ch1. Units and measurement Cycle Test-II Ch2. Motion in a straight line Ch.3 Motion in a plane Mid term Ch1, Ch2, Ch3, + Ch4. Laws of motion Ch5. Work Energy and power Ch6. System of particles and rotational motion Ch7. Gravitation
CHEM	CYCLE TEST -1 L-1. Some basic concept of chemistry CYCLE TEST -2 L-2. Structure of atom L-3 Classification of elements and periodicity in properties MID TERM L-1. Some basic concept of chemistry L-2 Structure of atom L-3 Classification of elements and periodicity in properties L-4 Chemical bonding and molecular structure L-5 Chemical thermodynamics
PHE	*Mid - Term* *Section-A* *Ch-1* . Changing trends & Career in Physical Education *Ch-2* . Olympic Value Education *Ch-3* . Yoga *Section-B* 1. Athletics

	<p>2. Kabaddi 3. Volleyball</p>
Maths	<p>Cycle 1. 1.Sets Cycle 2 1.Relayion and functions 2.Complex Numbers and quadratic equations Mid term 1.straight lines 2.circles 3.parabola 4.Ellipse 5.all above cycle 1 and cycle 2 chapters.</p>
Information Practices (IP)	<p>Cycle I</p> <ul style="list-style-type: none"> <li>• Introduction about Fundamental Computer</li> </ul> <p>Cycle II</p> <ul style="list-style-type: none"> <li>• Introduction about Python</li> <li>• Basic Program of Python</li> <li>• Operators</li> <li>• Looping (For loop, While Loop)</li> <li>• Condition - If, Elif, Else</li> </ul> <p>Mid Term whole syllabus</p>
English	<p><b>CYCLE – 1</b> HORNBILL</p> <ul style="list-style-type: none"> <li>• The Portrait of a Lady</li> <li>• A Photograph (Poem)</li> </ul> <p>SNAPSHOT</p> <ul style="list-style-type: none"> <li>• The Summer of the Beautiful White Horse (Prose)</li> </ul> <p>WRITING</p> <ul style="list-style-type: none"> <li>• Advertisement</li> </ul> <p><b>CYCLE – 2</b> HORNBILL</p> <ul style="list-style-type: none"> <li>• Discovering Tut</li> <li>• The Laburnum Top (Poem)</li> <li>• The Voice of the Rain (Poem)</li> </ul> <p>SNAPSHOT</p> <ul style="list-style-type: none"> <li>• The Address</li> </ul> <p>WRITING</p> <ul style="list-style-type: none"> <li>• Poster Writing</li> </ul> <p>GRAMMAR</p> <ul style="list-style-type: none"> <li>• Gap Filling (Tenses, Clauses)</li> </ul> <p><b>MID-TERM</b> HORNBILL</p> <ul style="list-style-type: none"> <li>• Cycle 1 &amp; 2</li> <li>• Childhood (Poem)</li> </ul> <p>SNAPSHOT</p> <ul style="list-style-type: none"> <li>• Cycle 1 &amp; 2</li> </ul>

	<ul style="list-style-type: none"> <li>• Mother's Day</li> </ul> <p>WRITING</p> <ul style="list-style-type: none"> <li>• Cycle 1 &amp; 2</li> </ul> <p>GRAMMAR</p> <p>Gap Filling (Tenses, Clauses)</p>
Economics	<p>Cycle Test – I</p> <p>Book: Statistics (NCERT)</p> <p>Chapter 1 – Introduction</p> <p>Chapter 2 – Collection of Data</p> <p>Cycle Test – II</p> <p>Book: Statistics (NCERT)</p> <p>Chapter 3 – Organisation of Data</p> <p>Mid Term</p> <p>Book 1 – Statistics (NCERT)</p> <p>Chapters 1, 2, 3 &amp; 4</p> <p>Book 2 – Micro Economics</p> <p>Chapter 1 – Introduction</p> <p>Chapter 2 – Utility Approach</p> <p>Chapter 3 – Consumer Equilibrium</p> <p>Chapter 4 – Demand</p>