

ST. THOMAS SCHOOL, LONI
CLASS: XI SCIENCE
UNIT TEST-2 SYLLABUS (2024-25)

S.no.	Subject	Topics
1.	English	<p>Prescribed Books: 1) Hornbill</p> <p style="text-align: center;">2) Snapshots</p> <p>Publisher- NCERT</p> <p>Reading Comprehension-</p> <p>1. Unseen passage- (The passage may be factual, descriptive or literary/discursive or persuasive)</p> <p>Advanced Writing Skills</p> <p>1. Short Composition- Advertisement</p> <p>2. Long Composition- Debate Grammar</p> <p>1. Clauses</p> <p>Literature- Questions based on extracts/texts to assess comprehension and appreciation, analysis, inference and extrapolation</p> <p>Book- Hornbill</p> <p>Poems</p> <p>1. Father to Son</p> <p>2. Childhood</p> <p>Book- Snapshots</p> <p>1. Mother's Day</p>
2.	Physics	<p>Chapter-8 Mechanical properties of solids</p> <p>Chapter-9 Mechanical properties of fluids</p> <p>Chapter-10 Thermal properties of matter</p>
3.	Chemistry	<p>Chapter 8 - Redox Reactions</p> <p>Chapter 12- Organic Chemistry some basic principles and techniques</p> <p>Chapter 13 - Hydrocarbons</p>
4.	Biology	<p>Chapter 11 Photosynthesis in higher plants</p> <p>Chapter 12 Respiration in plants</p>

5.	Physical Education	CHAPTER 7- Fundamentals of Anatomy and Physiology in Sports CHAPTER -8-Fundamentals of Kinesiology and Biomechanics in Sport
6.	Maths	Ch -8 : Sequence and Series Ch- 9: Straight Lines Ch-10: Conic Sections
7.	Computer	Textbook - Computer Science with Python Publisher- Sultan Chand <u>UNIT TEST II</u> Computational Thinking and Programming – 1 Introduction to problem solving Familiarization with the basics of Python programming Knowledge of data types Operators Expressions, statement, type conversion & input/output Errors Flow of control Conditional statements Iterative statements Strings Lists Tuples
8.	Music	Biographies 1. Patnam Subramanya Iyer 2. Mysore Vasudevachar 3. Maha Vaidyanath Iyer Lakshana Grandhas 1. Sangita Saramrita 2. Sangita Sampradaya Pradaeshini
9	Psychology	Chapter 5 – learning Chapter 8 – Motivation and Emotion
10	Fine arts	Painting Ch- 5 Indian temple sculptures