

SOBTIS PUBLIC SCHOOL SENIOR SECONDARY
SESSION 2024-25
HALF-YEARLY SYLLABUS
CLASS XI-A (SCIENCE)

S.NO	SUBJECT	SYLLABUS
1.	ENGLISH	<p><u>Hornbill</u></p> <p>1 – Portrait of a lady 2 – Photograph 3 – We’re not afraid to die 4 – Discovering tut 5 – The laburnum top 6 – The voice of rain 7. Childhood</p> <p><u>Snapshots</u></p> <p>1 – Summer of the beautiful white horse 2 – The address</p> <p>Reading/writing/Grammar</p> <p>1 – Poster making 2 – Debate writing 3 – Classified advertisements 4 – Note making 5 – Direct-Indirect 6 – Tenses and clauses 7 – Unseen Passage 8 – Gap filling</p>
2.	PHYSICS	<p>Ch 1: DIMENSION and MEASUREMENT Ch 2: Motion In 1-Dimension Ch 3: Motion In 2-Dimension Ch 4: Circular Motion Ch 5: Newton Law Of Motion & Friction Ch 6 : Gravitation</p>
3.	BIOLOGY	<p>Ch-2 Biological classification Ch-3 plant kingdom Ch-4 Animal kingdom Ch-8 Cell Ch-5 Morphology of flowering plant Ch-6 Anatomy of flowering plant Ch-7 structural organization in animals</p>
4.	CHEMISTRY	<p>Ch-1 Some basic concept of chemistry Ch-2 Structure of atom Ch-3 Periodic classification of element Ch-4 Chemical bonding Ch-5 Thermodynamics Ch-6 Equilibrium</p>
5.	MATHMETICS	<p>Ch 1 Sets Ch 2 Relations and Functions Ch 3. Trigonometric Functions Ch 4 Complex Numbers & Quadratic Equations Ch 5 Linear Equations Ch 6 Permutations & Combinations Ch 8 Sequences and Series Ch 9 Straight Lines</p>

6.	PHYSICAL EDUCATION	Unit 1 changing trend and career in physical education Unit 2 Olympism value education Unit 3 Yoga Unit 4 physical education and sports for cwsn Unit 5 physical fitness health and wellness Unit 6 Test measurement and evaluation
7.	COMPUTERS	Ch-1 Computer System Overview Ch-2 Data representation Ch-3 Boolean Logic Ch-4 Introduction to Problem Solving Ch-5 Cyber Safety Ch-6 Online Access and Computer Security Ch-7 Society, law and Ethics
8.	PYSCHOLOGY	Ch-1 What is Psychology? Ch- 2 Methods of Enquiry in Psychology Ch-3 Human Development