

**SOBTIS PUBLIC SCHOOL (SR. SEC)**  
**ANNUAL CURRICULUM AND PEDAGOGICAL PLAN**  
**SESSION-2024-25**

**VISION:-**"Our vision is to make the youthaspire,discover, redefine,innovateandbecomesuccessful inlife."

**MISSION:-**To develop future-geniuses with active and creative minds, a sense of understanding and compassion for humanity, and the courage to act upon their values and beliefs. We strongly believe in holistic development of each and every child spiritually, morally, intellectually, socially, emotionally and physically.

**SUBJECT:PHYSICS**

**CLASS:XI**

Month	No. of working days	Topic	AIL/SUB.II/SPORTIL	DESCRIPTION
APRIL	23	Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line	<b><u>Subject Integrated Learning</u></b> 1. Making of Simple rocket	Students will learn about the pressure created by chemical reactions as well as about third law of motion
MAY	15	Chapter–4: Motion in a Plane	<b><u>Sport Integrated Learning</u></b> 2. Projectile Motion in Javelin throw	Students will be able to understand concept of projectile motion.
JULY	26	Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power	-	-
AUGUST	24	Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids	3. Study of effect of detergent on surface tension of water by observing capillary rise.	Students will be able to understand the concept of surface tension.
SEPTEMBER	6	Chapter–11: Thermal Properties of Matter	-	-
OCTOBER	22	Chapter 11: Thermodynamics Chapter–12: Kinetic theory of gases	-	-
NOVEMBER	23	Chapter–13: Oscillations Chapter–14: Waves	<b><u>Art Integrated Learning</u></b> 4. Making PPT on Standing Waves	Students will learn that how do standing waves form, why are they so called.
DECEMBER	18	Revision	-	-
JANUARY	20	Revision	-	-