

**SOBTIS PUBLIC SCHOOL (SR. SEC)**  
**ANNUAL CURRICULUM AND PEDAGOGICAL PLAN**  
**SESSION- 2023-24**

**VISION:-"Our vision is to make the youth aspire, discover, redefine, innovate and become successful in life."**

**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	No. of periods	Topic	AIL/SUB.II/SPORTIL	DESCRIPTION
APRIL	18	28	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 reaction as well as about third law of motion
MAY	5	8	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 concepts of projectile motion.
JULY	24	37	Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power	-	-
AUGUST	25	40	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	5	8	Chapter–11: Thermal Properties of Matter	-	-
OCTOBER	22	34	Chapter–11: Thermodynamics Chapter–12: Kinetic theory of gases	-	-
NOVEMBER	20	31	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	16	25	Revision	-	-
JANUARY	-	-	Revision	-	-