

**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: X**

Month	No. of working days	No. of periods	Topic	AIL/SUB.IL/SPORTIL	DESCRIPTION
April	18	8	Chapter 1: Reflection and Refraction Chapter 2 : Human Eye and Colourful World	-	-
				<p style="text-align: center;"><b><u>Sport Integrated Learning</u></b></p> 1. Appearance of object's height while swimming	Students will learn about concepts of refraction.
May	17	8	Chapter 3 : Electricity (Partially)	<p style="text-align: center;"><b><u>Art Integrated Learning</u></b></p> 2. Visit to Dohna Sub station	Students will learn about the power transmission and distribution.
July	24	11	Chapter 3 : Electricity	<p style="text-align: center;"><b><u>Subject Integrated Learning</u></b></p> 3. Making arrangement for earthing, Making circuit using Earthing	Students will learn that how earthing works, what chemicals can be used for earthing and why it is required.
				4. Realization of Electric circuit using wires, lamps, fuse, switches etc.	Students will learn that why domestic wiring uses parallel connection
August	25	12	Chapter 4 : Magnetic effects of Electric Current (Partially)	<p style="text-align: center;"><b><u>Sport Integrated Learning</u></b></p> 5. Application of Ampere's swimming rule while swimming	Students will learn about finding the direction of magnetic field due to current in a wire.
September	5	3	Revision (Term 1 Examination)	-	-
October	22	9	Chapter 4 : Magnetic effects of Electric Current	-	-
November	20	8	Revision	-	-
December	16	7	Revision	-	-
January	18	8	Revision	-	-
February	-	-	Revision	-	-