

**SOBTIS PUBLIC SCHOOL**  
**ANNUAL CURRICULUM AND PEDAGOGICAL PLAN**  
**SESSION 2026-27**

**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 the holistic development of every child spiritually, morally, intellectually, socially, emotionally, and physically.

SUBJECT: Science

CLASS: VIII

MONTH	NO. OF WORKING DAYS	TOPIC	AIL	DESCRIPTION
April	24	Ch-1 Cells and Microorganisms	To explore the structural complexity of a cell through tactile art. (Art integrated)	3D Bio-Mosaic: Creating a large-scale cell model using sustainable materials, textures, and colors to represent different organelles.
		Ch-2 Health and Well-being		
May	10	Revision		
July	27	Ch-3 Conservation of Plants and Animals	To visualize the flow of electrons and the effect of resistance. (Subject integrated)	Virtual Circuit Simulation. Using digital tools to build series and parallel circuits.
		Ch-4 Electricity: Magnetic and Heating Effects		
August	23	Ch-5 Particulate Nature of Matter		
		Ch-6 Nature of Matter: Elements, Compounds and Mixtures		
September	08	Term-1 Revision		

October	22	Ch-7 Solute ,Solvent and Solution	To understand the relationship be- tween mass, vol- ume, and concen- tration.(Subject in- tegrated)	Concentration Calculation Lab. Students create solutions with varying amounts of salt/sugar in 100ml water.
November	21	Ch-8 Force and Friction	To observe how surface texture affects motion and speed. (Sports integrated)	The Friction “Surface-Sprint.” Students race small toy cars or slide objects across different surfaces (grass, smooth floor, sand) and measure distances.
		Revision		
December	24	Ch-9 Pressure Winds,Storms and Cyclones	To demonstrate how atmospheric pressure variations cause natural phenomena. (Subject integrated)	Mapping Pressure Belts. Creating a 3D model or map showing how temperature differences lead to wind movement.
		Ch-10 Light: Mirror and Lenses		
January	16	Ch-11 The Moon		
		Ch-12 The Earth		
February	07	Term-2 Revision		