

SOBTIS PUBLIC SCHOOL
ANNUAL CURRICULUM AND PEDAGOGICAL PLAN

SESSION 2024-2025

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: Science

CLASS: VIII

TEACHER NAME: MS. ALAINA

MONTH	NO. OF WORKING DAYS	TOPIC	AIL	DESCRIPTION
April	23	Ch-1 Crop Production and Management	Mineral Resources (subject integrated)	Students will learn how various minerals are extracted, about their properties and uses
		Ch-2 Microorganisms- Friends and Foes		
		Ch-3 Synthetic Fibres and Plastics		
		Ch-4 Materials- Metals and Non-Metals		
May	15	Revision		
July	26	Ch-5 Coal and Petroleum		
		Ch-6 Combustion and Flame		
		Ch-7 Conservation of Plants and Animals		
August	24	Ch-8 Cell- Structure and Functions	Animal Cell (Art Integrated-clay modelling)	Students will learn about different parts of animals cell using different colours of clay
		Ch-9 Reproduction in Plants		
September	6	Term-1 Revision		

October	22	Ch-10 Reaching the age of Adolescence	To understand the factors affecting friction through surface	Rough and smooth inclined surface and 2 balls will be used to demonstrate force of friction depends upon the nature of surfaces
		Ch-11 Force and Pressure		
		Ch-12 Friction		
November	23	Ch-13 Sound	To show vegetables and fruits also conduct electricity	Students will learn about different types of forces being exerted while playing different games
		Ch-14 Chemical Effects of Electric Current		
December	18	Ch-15 Some Natural Phenomenon		
		Ch-16 Light		
January	20	Ch-17 Our Universe		
		Ch-18 Pollution of Air and Water		
February	15	Term-2 Revision		