

SOBTIS PUBLIC SCHOOL
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: SCIENCE

CLASS: VII

MONTH	NO. OF WORK-ING DAYS	TOPIC	AIL	DESCRIPTION
APRIL	18	Ch-1 Nutrition in Plants	Structure of stomata	Students will learn about gaseous exchange using cardboards and coloured papers
		Ch-2 Nutrition in Animals		
		Ch-3 Fibre from Animals		
		Ch-4 Heat		
MAY	5	Revision		
JULY	24	Ch-5 Acids, Bases and Salts	To observe the colours of different acid and bases with indicators (textile designing)	On 2 white handkerchiefs a pattern will be drawn and it will be painted using natural indicator then on each handkerchief acidic and basic substance will be used to observe colour change
		Ch-6 Physical and Chemical Changes		
AUGUST	25	Ch-7 Adaptations of Animals to Climate	Elements of weather and climate (subject integrated)	Students will learn about various elements which effect the weather and climate of a place through day to day observation
		Ch-8 Weather, Wind, Storms and Cyclones		
		Ch-9 Soil		
SEPTEMBER	5	Term-1 Revision		
OCTOBER	22	Ch-10 Respiration in Organisms	To study the effect of physical exercise on a heartbeat	Students will learn that after physical exercise (running)

		Ch-11 Transportation in Animals and Plants	(sports integrated)	heart beat will increase from normal range
NOVEMBER	20	Ch-12 Reproduction in Plants		
		Ch-13 Motion and Time		
		Ch-14 Electric Current and its Effect		
DECEMBER	16	Ch-15 Light	To prove VIBGYOR combine to form white light	A piece of cardboard, thread and colours will be used to prove.
		Ch-16 Water- An Essential Resource		
JANUARY	18	Ch-17 Forests- our lifeline		
		Ch-18 Journey of Wastewater		
FEBRUARY	12	Term-2 Revision		