

GOPI BIRLA MEMORIAL SCHOOL 2023-2024 ANNUAL PLAN
SCIENCE GRADE 7

	MAIN CONTENT	ACTIVITIES
	TERM-1	
April	Nutrition in plants Nutrition in animals	1. Sunlight is essential for photosynthesis. CO ₂ 2. is essential for photosynthesis.
June	Nutrition in animals (contd) Temperature and Heat	1. Convection of Heat in water. 2. Radiation in water
July	Physical and chemical changes Time and motion	1. To show consistency of time period of a pendulum
August	Respiration in organisms Forests our lifeline	1. Mechanism of breathing in humans- working model. 2. Carbon dioxide is released during respiration. 3. Heat is released during respiration
September	Revision for PA2	
	TERM-2	
September	Light	1. To study images formed by concave mirror. 2. To study images formed by convex mirror.
		1.
October	Acids, bases and Salts	2. Effect of natural indicator 3. Neutralisation Reaction 4. Study of pH of various substances. 5. Preparation of crystals of CuSO ₄ from impure sample of CuSO ₄
November	Transportation in animals and plants	
December	Electric current and its effects	1. To make an electromagnet and show it attracts iron. 2. Working of an electric bell
January	Reproduction in plants	1. Study the parts of shoe flower.

February	Wastewater story	
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