

Gopi Birla Memorial School 2025-26
ANNUAL PLAN-SCIENCE
GRADE-8

TERM I

MONTH	CHAPTERS	ACTIVITIES
APRIL	1. Crop production and management	CROP PRODUCTION AND MANAGEMENT 1. To study the effect of manure and fertilizers on the growth of crops
JUNE	1. Microorganisms: friend or foe 2. Conservation of plants and animals	MICROORGANISMS 1. To study the permanent slides of microbes 2. To observe root nodules in legumes for <i>Rhizobium</i> bacteria 3. To observe bread mould 4. To study the effect of yeast on dough 5. To show that CO ₂ is given out during fermentation 6. To mount spirogyra and observe it
JULY	1. Force and pressure 2. Friction	FORCE AND PRESSURE 1. To observe that liquids exert equal pressure at the same depth 2. To show that pressure in a liquid increases with depth 3. To observe a manometer and barometer FRICITION 1. To observe the action of rollers to reduce friction
AUGUST	1. Sound 2. Some natural phenomena(MA1)	SOUND 1. To show that sound is produced through vibrating bodies 2. To show that sound requires a medium to travel. SOME NATURAL PHENOMENA Group Project: Powerpoint Presentation.
September	PA2-Revision	

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TERM II

Rabhu Srivastava

MONTH	CHAPTERS	ACTIVITIES
OCTOBER	1. Coal and petroleum (MA2)	Group Project: Powerpoint Presentation.
NOVEMBER	1. Combustion 2. Light	<p>COMBUSTION</p> <ol style="list-style-type: none"> To observe the difference between combustible and non-combustible substances To prove that air is essential for burning To prove that ignition temperature should be achieved for combustion to take place using a paper cup To observe the structure of a flame <p>LIGHT</p> <ol style="list-style-type: none"> To prove the laws of reflection To observe the multiple images formed by 2 mirrors To demonstrate the phenomenon of the blind spot
DECEMBER	1. Light (contd) 2. Chemical effects of electric current	<ol style="list-style-type: none"> To observe the persistence of vision To observe the structure model of an eye <p>CHEMICAL EFFECTS OF ELECTRIC CURRENT</p> <ol style="list-style-type: none"> To test the conduction of electricity in various liquids To observe electrolysis of water To observe electroplating
JANUARY	1. Age of adolescence	
FEBRUARY	1. Reproduction in animals PA4 Revision	1. To observe the slides of (a) binary fission in amoeba (b) multiple fission (c) Budding (d) Ova and Sperm