

Sr. no	Month	Topic	Subtopic	Objectives	Assignments	Remarks
1.	April	Plant Reproduction	Reproduction germination of seed, seedling, seed dispersal New plants by stem, root, leaves	define reproduction, seeds with two or one cotyledons with each and every seedling.	To show experimentally seed germination of seeds	
2.	June	Food, health & diseases.	Carbohydrates & fat provide energy - proteins, vitamins, water, malnutrition, Diseases prevention of malaria & dengue	Nutrients of life their uses with food and nutrition. - proteins, malnutrition Communicable and non-communicable diseases.	To make chart on paper with each nutrients and nutrition.	PA-1
3.	July	Matter	- Molecules and atoms - Elements - Compounds States of matter - physical & chemical change	elementary particles as solid, liquid, gas. Compare and group materials together heated or cooled.	To show experimentally physical and chemical change with various examples.	
4.	July	Soil Erosion and Conservation	- soil erosion - soil conservation - deforestation - overgrazing	soil erosion is detachment and movement of soil particles from point of. The minimizing the impact of water or wind forces.	growing trees on barren land and contribute the experience.	

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5.	August	Rocks and minerals. - Three types of Rocks - minerals, ores, gemstones.	Compare the characteristics of rocks and minerals. - classify rocks and minerals.	Collect the rocks and identify type of rock. Experimentally to show the gemstones.	
6.	August	- Terrestrial animals - Aquatic animals - Insect, Birds - movement in animals - Animal migration	Animals need food, water, shelter and space to survive. herbivores, carnivores, omnivores making animals meet.	To recollect how different animals move.	
7.	September	Our skeletal system - Skeleton, human - skeleton skull, joints - muscles.	To give info. of various joints and parts of bones with showing the position.	To show experimentally the skeletal system of human model.	SA-1
8.	October	Our Nervous system - Brain - types or parts - sensory & motor nerve - voluntary & involuntary actions. - Reflex action.	To understand brain with its parts of brain. Reflex action works.	To show experimental model of nervous system.	
9.	November	Simple machines - work done - machines (simple & complex) - six types of simple machines.	To identify all 6 machines. Identify simple machine within everyday items.	To show experimentally simple machines how they work.	PA-1
10.	December	The Sun, Earth & Moon - light and shadows. - Sun, The moon - transparent & translucent - Eclipse solar eclipse lunar	To use idea of earth's rotation to explain day and night and apparent movement of sun across sky.	To show solar & lunar experimentally.	

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	January	Natural disasters.	<ul style="list-style-type: none"> - Earthquakes - Tsunamis - flood and cyclones. 	<ul style="list-style-type: none"> - Reduce the risk of disasters caused by human error, destruction. - Be better prepared from natural disasters. 	<ul style="list-style-type: none"> ways to avoid natural disasters. - how to reduce damage caused by natural disasters. 	
12.	February	Our environment and pollution	<ul style="list-style-type: none"> - pollution and environment - Air pollution - global warming - water pollution - land pollution - Noise pollution 	<p>To aware the surroundings people of rapidly depleting natural resources and make contribute to conservation of same.</p>	<ul style="list-style-type: none"> environmental visit to various greenhouse plant. 	8A-2

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