

std: V
 sub: Science.

C.B KHEDGI INTERNATIONAL SCHOOL . Akkalkot.

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ANNUAL PLAN . 2024-25.

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MONTH	TOPIC	SUB-TOPIC	Required period	OBJECTIVES	ASSIGNMENT	REMARKS
April	1. Food, Health and Disease.	<ul style="list-style-type: none"> - Carbohydrate & fats provide energy. - Proteins, Vitamins water, malnutrition, disease prevention of malaria & dengue. 	12	<ul style="list-style-type: none"> Nutrients of life their uses with food and Nutrition. - Proteins, malnutrition Communicable and non-Communicable disease. 	To make chart on paper with each nutrients and nutrition.	
June	2. Our Skeletal system.	<ul style="list-style-type: none"> - Skeletal system - Human skeletal skull, joints Rib cage and muscles. 	11	To gives information of various joints and parts of bones with showing the position	To show experimentally To skeletal system of human model.	
July	3. Our Nervous system.	<ul style="list-style-type: none"> - Brain - types of parts - sensory & motor nerve - Voluntary & involuntary actions. - Reflex action. 	12	To understand brain with its parts of brain. Reflex action works.	To show experimen- tally model of nervous system	PA-1
July	4. Plant Reproduction.	<ul style="list-style-type: none"> Reproduction germination of seed, seedling, seed dispersal new plants by stem, root, leaves 	13	Define reproduction seeds with two or one cotyledons with each and every seedling	To show experimen- tally seed germination of seed.	

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August.	5. Animals Everywhere	<ul style="list-style-type: none"> - Terrestrial animals - Aquatic animals - Insect. Birds - movement in animals - Animal migration 	11	Animals need food, water, shelter and space to survive. herbivores, Carnivores, omnivores making animals meet.	To recollect how different animals move.	
August.	6. Adaptations in Animals	<ul style="list-style-type: none"> - Types of habitats - Adaptation in polar bears. - Desert animals, fish, mountain. 	10	for example... a forest sandy, desert. Polar bears are good swimmer.	To show experimentally desert and Adaptation in Animals.	
September.	7. Matter	<ul style="list-style-type: none"> - Molecules and atoms. - elements - component states of matter. - physical and chemical change. 	13	elementary particles as solid, liquid gas. Compare and groups material together heated or cooled	To show experimentally physical and chemical change with various changes.	SA-1
October.	8. Simple Machines.	<ul style="list-style-type: none"> - Work done - machines $\left\{ \begin{array}{l} \text{simple} \\ \text{complex} \end{array} \right.$ - Six types of simple machines. - Wheel and axle. 	12	Identify all 6 machine Identify simple machine within everyday item. wheel and axle is a form a simple machine	To show experimentally simple machines and how they work.	

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November	9. Soil Erosion and Conservation	<ul style="list-style-type: none"> - Soil erosion - Soil Conservation - deforestation, over-grazing, afforestation - Shelter belts. 	10	Soil erosion is detachment and movement of soil particles from point. The minimizing the impact of water or wind forces.	<ul style="list-style-type: none"> - Growing trees on barren land and write the experience. 	
December	10. Rocks and Minerals	<ul style="list-style-type: none"> - Three types of rocks. - minerals, ores, gemstones. - Commercial minerals 	09	Compare the characteristics of rocks and minerals and classify them rocks and minerals.	<ul style="list-style-type: none"> - Collect the rocks and identify type of rock experimentally to show the gemstones. 	PA-2
January	11. The sun, Earth and Moon - Light and shadows	<ul style="list-style-type: none"> - The moon, sun light and shadows - transport & translucent - Eclipse solar eclipse & lunar. - Sources of light. - Astronauts on the moon. 	11	To use idea of earth's rotation to explainatory and night and apparent movement of sun across sky.	<ul style="list-style-type: none"> - To show solar and lunar experimentally 	

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January	12. Natural disasters	- Earthquakes - Tsunamis - flood and Cyclones	11	Reduce the risk of disasters caused by human error, destruction. - Be better prepared from natural disasters	ways to avoid natural disasters. - how to reduce damage caused by natural disasters.	
February	18. Our environment and pollution.	- pollution and environment. - Air pollution - global warming - water pollution - land pollution - Noise pollution.	10	To aware the surroundings people of rapidly depleting natural resources and make contribute to conservation of same.	Environmental visit to various greenhouse plant.	SA-2