

G.B Khedgi International School Annual Plan

4th

Grade - IV

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Sub: Science

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Sr. No.	Month	Topic	Subtopic	Weightage	Objective of topic	Period required	Teaching Aid	Activity Re-Assignment mark
1.	June	Food & health	Carbohydrates & fats Proteins Vitamins & minerals Diet fibre in the food		Read & Comprehend the Chapter Discuss the nutrients & their functions Conclude the importance of balanced diet Investigate & apply healthy eating habits Examine the process of digestion as food enters different digestive Organs Discuss proper making Cooking practices. List different methods of food preservation	07	Charts Pictures Smart board	
2.	July	My Teeth	Types of teeth Structure of human tooth Why do teeth decay?		Read & Comprehend the Chapter Examine different types of teeth. Discuss the Structure of a healthy tooth Investigate tooth decay List the methods of keeping teeth healthy	07	Charts Draw & types Pictures of Smart teeth board	

Unit 10: Plants and Animals

Sr. No.	Month	Topic	Subtopic	Weightage	Objective of topic	Period required	Teaching Aid	Activity/Assignment
	July	Plants & their food	Sunlight Water Carbon dioxide Plants store excess food Plants that feed on animals Animals	8	Read & Comprehend the Chapter Specify the requirements of photosynthesis Explain how plants store excess food. Discuss parasitic & Insectivorous plants. Explain interdependence of plants & animals Design a leaf mandala	09	Charts & Pictures	Draw & Show Pictures of leaf
3	August	Adaptation in Plants	Adaptations in terrestrial plants Adaptations in plants of the Coastal region Adaptations in aquatic plants	7	Read & Comprehend the Chapter Define Adaptation Discuss the adaptations seen in terrestrial plants Talk about mangroves & their respiratory roots. Explain the adaptations seen in aquatic plants. Conduct a Survey on the practices to save paper.	07	Charts & Pictures	

Month (including days)	Topic	Subtopic	Objective of topic	Period required	Teaching Aid	Activity Assignment
September 21	How do animals increase in number?	Animals that lay eggs Eggs of some animals do not hatch directly into young ones Animals that give birth to young ones	Read & Comprehend the Chapter Describe the methods of reproduction in animals. Differentiate between egg-laying animals & mammals Differentiate between incubation & hatching. Explain the stages in the life cycle of butterfly & frog Create an egg-shell garden	07	Charts & Pictures Smart board	
October 24	Matter & its three states	What is matter? Solid Liquid Gas Dissolving Solids in water	Read & Comprehend the Chapter Define the terms - matter, mass & volume Discuss the properties of solid, liquid & gases Summarise change of states of matter. Define the terms - Solute, Solvent, Solution Investigate ways of to dissolve a solute in a solvent quickly	08	Charts & Pictures Smart board	

Sl. No.	Month	Topic	Subtopic	Weightage	Objective of topic	Period required	Teaching Aid	Activity Assignment
6.	November 14	Force, Work & Energy	Force Types of force Energy is used when force is applied. Sources of energy		Read & Comprehend the Chapter Define the terms - force, work & energy Outline different types of forces Discuss Work & energy. List & explain some Sources of energy Discuss Simple & Complex machines	07	Charts & Pictures	
7.	December 24	Air, Water & Weather	Weather Conditions Formation of clouds Purifying water		Read & Comprehend the Chapter Define the terms - Atmosphere, Weather, Climate, temperature Explain Wind formation Discuss Sea & land breezes Explain evaporation & Condensation Elaborate on the Water Cycle Discuss methods of purifying water	06	Charts & Pictures	

Month	Topic	Subtopic	Weightage
January	The Earth & Other Planets	Rotation of the earth Revolution of earth Solar System Inner & outer planets	10
February	Why do we have Seasons?	Why is it Warm & Sunny in Summer? Why is it Cold in winter? Why do we have Seasons?	10

Objective of topic	Period required	Teaching Aids	Activity / Assignment
Read & Comprehend the Chapter Discuss rotation & revolution of the earth Elaborate on the Solar System Discuss inner & outer planets of Solar System	05	Charts & Pictures	Smart board
Read & Comprehend the Chapter Explain why we have Seasons Discuss monsoon Seasons in India	05	Charts & Pictures	Smart board

Sl. No.	Month	Topic	Subtopic	Weightage	Objective of topic	Period required	Teaching Aid	Activity/Assignment
	March	Our Green World	Renewable natural Sources Non-renewable natural Sources Waste management Water, Air, forest-air Valuable Natural resource		Read & Comprehend the Chapter Define the terms - natural resources, renewable natural resources, non-renewable natural resources & pollution Explain the two types of natural resources with examples Discuss Causes, effects & ways to reduce water, air and soil pollution Understand the uses of waste management Discuss the uses of forests & explain why forests should be protected.	07	Charts Pictures	

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