

LOVE DALE CENTRAL SCHOOL
LEARNING OUTCOMES 2021-22
SUBJECT : Science CLASS : IV

S.No	Topic	Learning outcome	Activities
	Term1		
1	Ls1. The green plants	*Identify the parts of leaves and how they make food.	*Observe the leaf and its parts.
		*Relate the cause for the changes in the growth of the plant.	*Plant two seeds separately in two pots.Observe the difference in the growth when kept in sunlight and dark.
2	Ls2. How plants survive	*Reason out how plants and animals can survive under different conditions.	*Collect pictures of different types of plants and trees that grow under different conditions.
		*Recognise difference between different types of plants and their adaptations.	*Collect information of aquatic plants using internet.
3	Ls3. Animals and their young ones	* Summarize about egg laying animals and animals that give birth to young ones.	*Paste pictures of different animals and their young ones.
		* Identify the parts of an egg.	*Observe an egg
4	Ls4. How animals survive	* Explain adaptations in animals with respect to food.	*Paste pictures of different types of animals that are classified based on food habits.
		* Recognise the animals in danger.	*Internet search on animals in danger
5	Ls5. Food our basic need	* Differentiate among different type of nutrients.	*Chart of various food items and list the different nutrients present in them.
		* Analyze a balance diet.	
		* Know the importance of proper posture for healthy life.	*Demonstrate proper postures for sitting and standing.
6	Ls6. Digestion and role of microbes	* Recognize different sets and types of teeth in humans.	*Prepare the clay model of different types of teeth.
		* Know how to take care of the teeth.	
		* Impementing healthy eating habits.	
	Term 2		
7	Ls8. Clothes we wear	* Describe the clothes we use in our everyday life.	*Observe people wearing clothes in different seasons.
		* Summarize why people of different regions wear different types of clothes.	
		* Differentiate between natural and synthetic fibre.	*Feel different types of fibres
8	Ls9. Solids, liquids and gases	* Differentiate the properties of three states of matter.	* To collect different materials from their surroundings.
		* recognise density of different solutions	*To check weather oil can be separated from water.
		* Explain the different processes which lead to change in states of matter.	* Pour ice-cold water in a steel glass.Observe the surface of glass.
9	Ls10. Force, work and energy	* Explain the concept of work done.	*make a chart showing the functioning of simple machines
		* Identify the different types of simple machines.	
		* List the types of simple machines.	
		* Define force and types of forces, Energy.	* Visit to a field and do different activities and conclude with different types of forces used.
10	Ls11.The solar system	* Explain how rotation causes day and night.	*Role playing to demontrate rotation and revolution of the earth
		*Students will be able to determine the position of the planets from the sun.	*Model representation of the solar system.

11	Ls12. Keeping our earth clean	* Define different types of pollution and wastes.	*visit to an industrial area to observe different types of pollutions and impact on environment
		* Differentiate among air, water and land pollution	
		* use of 3R's in their daily life.	*To prepare a decorative item using waste materials.
12	Ls13. Air, water and weather		
		* Differentiate between the process that take place in water cycle.	*Draw a diagram showing water cycle.
		* List different methods used for making the water fit for use.	* Write an essay on commonly used methods for purifying water.