



CLASS: 3

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SUBJECT: Science

LESSON-1: Living and Non-living Things

I. Key words:

- | | |
|-------------------|---------------|
| 1. reproduce | 7. stomata |
| 2. artificial | 8. sapling |
| 3. micro-organism | 9. nutrition |
| 4. crawl | 10. excretion |
| 5. climbers | 11. life span |
| 6. creepers | 12. infant |

II. Pre activity: Draw any 5 picture of living things.

III. Short answers questions.

Q.1. Natural things

Ans- Water and plants are examples of natural things seen around us.

Q.2. Non-living natural things

Ans- Soil and rivers are examples of natural non-living things that can be found in a forest.

Q.3. Man-made things

Ans- Tables and chairs are examples of man-made things.

F. Long answer questions.

Q. 1. Why table is considered as non-living thing. Explain .

Ans: Even though a tree is chopped to form a table, the table cannot be called a living thing as it does not have any of the characteristics of a living thing. A table cannot move, breathe, feel, grow, reproduce, excrete or die. It does not need nutrition. Hence, it is a non-living thing.

Q. 2. What is reproduction?

Ans: All living things including humans, animals and plant produce young ones of their kind. This is called reproduction.

Q. 3. Explain with the help of examples the different methods of movement of living things.

Ans: All living things move. Man and animals such as cats, dogs, lions and tigers walk or run using their legs. Birds use wings to fly. Fish swim with the help of their fins and tail. Snakes crawl with the help of their scales. Frogs jump from one place to another using their legs. Plants like climbers take support and climb up, creepers grow along the ground and a sunflower turns its face towards the sun.

Q. 4. Describe the different ways in which living things breathe.

Ans- Animals like cats, dogs, tigers, lions, breathe through their lungs. Insects like cockroaches, grasshoppers and mosquitoes breathe through the air holes of their body. Frogs breathe through their moist skin. Fish breathe through their gills. Plants breathe through tiny pores on their leaves called stomata.

Q.5.Sense organs help a living being to respond. Explain with the help of examples.

Ans: Humans have five sense organs that help them receive information from their surroundings. Plants grow towards the sunlight. The leaves of a mimosa plant fold inwards and droop when touched. This is because living things can feel and give respond.

HOTS:

Q. 1. Frogs can live both in water and on land. Can you name some other animals that can live both in water and on land? Do they have some special body parts to do so? Explore and share.

ANS: Some animals that can live on both land and in water like frogs are crocodiles, alligators, crabs, turtles, salamanders etc. These animals are able to breathe both on land as well as in water. They are able to use their legs to walk on land and their body parts to swim in water.

Post activity: Write any 5 differences between living and non-living things.

Subject Teacher

H.O.D.

Co-coordinator

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