



CLASS: 3rd

Prepared By: Shweta Narkhede

SUBJECT: Science
LESSON- L-1: Living & Non-
living things

I. Key words:

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|----------------|-----------------|
| 1. Animals | 12.Lifespan |
| 2. Mountains | 13.Seedlings |
| 3. Features | 14.Tortoise |
| 4. Breathe | 15.Reproduction |
| 5. Respond | 16.Mimosa |
| 6. Products | 17.Natural |
| 7. Excrete | 18.Bridges |
| 8. Reproduce | 19.Nutrients |
| 9. Butterflies | 20.Gills |
| 10.Earthworms | 21.Definite |
| 11.Stomata | |

II. Pre activity: Draw pictures of any five living things:

III. Give reasons for each of these:

1. Plants cannot move but they are grouped as living things.

Ans: Plants grow, breathe through stomata, reproduce and cook their own food in leaves. Hence, plants are living things.

2. A car can move but it is not a living thing.

Ans: A car cannot move on its own. Also, a car does not grow and reproduce. Hence, car is a non-living thing.

IV. Answer the questions in brief:

1. Name the body part used by a tiger to move.

Ans: Legs

2. What are stomata?

Ans: Stomata are the tiny holes on the underside of leaves that help the plant to take in air.

3. How do plants reproduce?

Ans: Plants reproduce mainly through seeds that they produce.

4. Name the body part used by insects to feel the changes around them.

Ans: Insects use their antennae or feelers to sense the changes around them.

5. What do you mean by lifespan?

Ans: Lifespan is the period from the time a living thing is born till death.

V. Answer the questions in detail:

1. Write five differences between living things and non-living things.

Ans: Living things can breathe, eat, grow, move, feel and respond, produce waste products (excrete) and produce young ones (reproduce).

Non-living things can do none of these.

2. Explain how living things feel and respond to the changes around them.

Ans: Human beings and animals can feel through their five sense organs: eyes, ears, nose, tongue and skin. Plants can also feel changes around them. They respond to the sunlight by bending towards it. When the leaves of Mimosa (touch-me-not) plant are touched, they curl and close.

3. What is the difference between natural and artificial things? Give two examples of each.

Ans: Living and non-living things found in nature are called natural things. For example, sunlight, water, air, rocks, plants and animals. Things made by human beings are called man-made things. For example, aeroplanes, buildings, dams and bridges across rivers.

VI Out of the box:

1. What can a banyan tree do that a pencil cannot?

Ans: A banyan tree grows, reproduces, breathes, produces waste products while a pencil cannot do all these things.

VII. Post activity: Draw the picture of Germination of seed (Pg. 201)