

Living and Non-living



We Already Know

- Some things are living
- Some things are non-living



We Will Learn About

- Things around us can be living or non-living
- Characteristics of living things and non-living things
- Non-living things which were once living

There are many things around us. Some of them are alive, while others are not. The things that are alive are called **living things**. Human beings, animals and plants are examples of living things. Things that are not alive are called **non-living things**. Things like chairs, stones, rocks, mountains and soil are examples of non-living things.

WHAT CAN LIVING THINGS DO?

Your pet dog is living. A toy car is non-living.



Think

Compare your pet dog with your toy car. What things can the dog do that the toy car cannot?

(Reflective Thinking)

Fill in the blanks with the words "can"/ "cannot".

A dog can move on its own.

A toy car cannot move on its own.

A dog can breathe.

A toy car cannot breathe.

A dog can eat food.

A toy car cannot eat food.

A dog can grow.

A toy car cannot grow.



Exercises

Objective Type Questions

A. Multiple choice questions.

- All of these are living things except
 - frog
 - tortoise
 - snake
 - window
- All of these are non-living things except
 - balloon
 - ant
 - thread
 - honey
- Which of these is not a sense organ?
 - Hair
 - Nose
 - Feelers
 - Skin
- Which of these reproduces by giving birth to babies?
 - Crocodile
 - Lizard
 - Pigeon
 - Rabbit
- Humans breathe through
 - spiracles
 - gills
 - stomata
 - nose and lungs

B. Write T for True statements or F for False statements.

- All animals use their legs to move.
F
- Plants do not move from place to place, but their body parts may move.
T
- Living things get energy from food.
T
- Air is necessary for living things to get energy from food.
T
- Plants cannot breathe.
F



C. Give two examples of each of the following.

1. Living things
2. Non-living things
3. Features of living things
4. Features of non-living things

dog cat
 table chair
 reproduce breathe
 do not grow, do not breathe

D. Match the following.

- | | |
|----------------------------------|---|
| 1. Snakes move using their | a. Seeds 3 |
| 2. A toy is a | b. A period for which an animal lives 5 |
| 3. Most plants reproduce through | c. Body 1 |
| 4. Snake reproduce by | d. Non-living thing 2 |
| 5. Lifespan | e. Laying eggs 4 |

E. Fill in the blanks.

1. To stay alive, living things breathe oxygen/air.
2. The webbed feet of ducks help them to swim in water.
3. Animals feel things around them with the help of their sense organs.
4. Reproduction means to give birth to young ones.
5. The wood used to make a table was once living.

F. Categorise the following into living (L), non-living (NL) and once-living (OL).



NL



OL



L



L



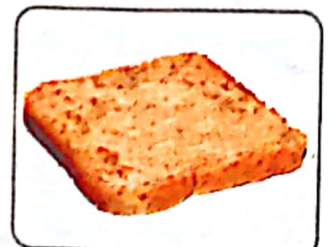
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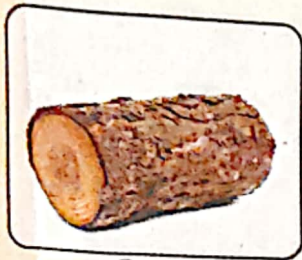
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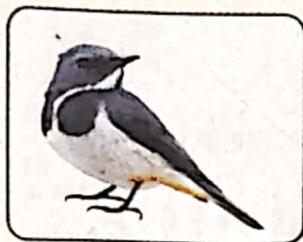
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OL



OL



L



OL



NL

Theoretical Questions

Answer the following questions in brief.

1. What are living things? Give four examples.
2. Why do living things need food?
3. What is reproduction?
4. a) Why do animals move from place to place?
b) Why is there no need for plants to move around?



Thinking Skills

Plants make their own food; animals cannot.

1. List two differences between a plant and an animal.
2. Through which sense organ does Sheila feel that it is very cold? skin
3. A car moves. It uses petrol to move. Is a car a living thing? No, it is non-living thing.

LEARNING BEYOND CLASSROOM

Grow a potato plant

The potato has a few marks on it. These are called its eyes. With the help of an adult, cut a piece from the potato. The piece must have an eye.

Plant this piece in the soil. Water it daily. Observe how many days the potato plant takes to grow.



Art and Craft Integration

Do you think there are living things on some other planet also? They may be quite different from us!

A child drew this creature from another planet.

Use your imagination to draw and colour an alien on a sheet of chart paper. Give it a name. Display it on the classroom soft board.

