



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION
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ANSWER: WORKSHEET- 3 1st Term

Class: 3

Subject: SCIENCE

Date: 04.07.2020

LIVING AND NONLIVING

1. Answer the following questions.

a. What is the difference between natural things and human-made things? Give three examples of each. Are living and non-living things same? Give three examples of living and non-living things.

Ans. Natural things are those that are given to us by nature. While, human-made things are those that are created by man.

The sun, the planets and animals are examples of natural things. Cars, roads and books are examples of human-made things.

No, living and non-living things are not same, they are very different from each other.

Plants, animals and humans are examples of living things. Rocks, chair and the sun are examples of non-living things.

b. Why do living things need food? How do plants prepare their food? Do animals make their own food? What do animals eat as food? How do animals get their food? Give an example of a touch-me-not plant.

Ans. Living things need food to live. Food provides energy and help living things to grow.

Plants prepare their own food with the help of air, water and sunlight.

No, animals cannot make their own food. Animals eat plants and other animals to live. Animals move from one place to place in search of food and hence, get their food.

Mimosa pudica is an example of a touch-me-not plant.

c. Is the pencil that is used for writing a living thing or non-living thing? Give few reasons for your answer.

Ans. The pencil used for writing is a non-living thing because of the following reasons.

- It does not grow.
- It does not move from one place to the other on its own.
- It does not breathe.
- It does not need food, water and air to live.
- It does not respond to changes around it.
- It does not reproduce.

d. Do plants respond to changes around them? Explain with examples. Plants cannot move from one place to another, then why are plants living things?

Ans. Yes, plants respond to changes around them. For example, the money-plant moves and circles around its support. The sunflower turns towards the sun. The touch-me-not plants respond to touch.

All living things can move except for plants, which cannot move from place to place. However, they do move slightly in response to changes around them and, they also have the following characteristics of a living thing.

- It prepares its own food.
- It breathes through stomata.
- It reproduces with the help of seeds, roots, stems and leaves.
- It grows with time and then dies.