

LORD BUDDHA NATIONAL PUBLIC SCHOOL
SARAI-BIKA JAUNPUR

CLASS - 3rd

SUBJECT - Science

CHAPTER - 1 - Living and Non-living

DATE - 6/4/2020 to 12/4/2020

TOPIC - Natural and Man-made things

Natural Things -

Natural things are found in nature. They are not made by man. Example -

Sun, Moon, Clouds, Air, Water, Plant, Animals and Human beings.

They may be living or non-living.

Man-Made Things -

Man-made things are made by human beings.

Example - Toys, Books, Buildings and furniture etc.

Man-made things are non-living.

Living and Non-living things -

Living thing -

Things that have life in them are called living things.

H.W.

- 1) What is natural things?
- 2) Define made of human things.
- 3) What are living things?

Characteristics of living things -

- 2) Living things breathe -
All living things need air to breathe.
 - > Human-beings breathe through lungs.
 - > Animals like cat, dog, horse and whale also breathe through lungs.
 - > Fish breathe through gills.
 - > Insects (cockroach and grasshopper) breathe through openings on pores called spiracles.
 - > Plants exchange gases through the tiny air holes called the stomata.

All plants, animals and human-beings are living things.

Non-living things -

Things that do not have life in them are called non-living things. Example -

Sun, Moon, Books, Stone are some non-living things.

Characteristics of living things -

(1) Living things grow -

All living things

grow. Ex -

(i) A seed grows into a seedlings which grows into a big plant.

(ii) A chick comes out of an egg and grows into a hen.

(iii) A baby grows into a child and a child grows into an adult man or woman.

parts called the antennae.

Plants -

Plants also feel and respond. like, mimosa - leaves of mimosa plant fold as we touch them.

5) Living things move -

Animals move from one place to another in search of food and shelter and also for protection.

Human and animals -

Most of the animals and human beings have legs to move.

Fish -

A fish uses its fins and tail to move.

Birds and insects -

They fly with the help of their wings.

present in their leaves.

(3) Living things need food -
All living things need food to live.

Green plants make their own food with the help of sunlight, water, and air.

Animals get their foods from plants and other animals.

(4) Living thing feel and respond -

Living things respond to their surroundings. Example -

Human - beings and animals -

They can feel changes around them with the help of sense organs.

Eyes, nose, ears, tongue and skin are sense organs.

Insects -

Cockroach and butterfly feel with the help of special body

Snake and earthworm -
They crawl using
their body.

Plants -

Plants also show movement
in some of their parts.

A sunflower always turns
towards the sun.

(b) Living Things Reproduce -

All living things
reproduce.

Living things produce young ones
which are similar to them. This
is called reproduction.

Living things reproduce
maintain their own kind.

Animals give birth to their young
ones as -

- > Dogs have puppies.
- > Cats have kittens.
- > Human beings also give birth to
their babies.
- > Birds, fish and insects lay eggs
from which babies come out.

> Plants mostly produce seed to form new plants.

H.W.

- 1) How do fishes breathe?
- 2) Describe the characteristics of living things. Only write their names
- 3) How do animals get their food?
- 4) Define the feel and respond of plant.
- 5) Earthworm moves. How?

Difference between living and non-living things -

Living things

- i) Grow old and die
- ii) Breathe
- iii) Need food to survive
- iv) Feel and respond

Non-living things

- Do not grow
- Do not breathe
- Do not need food
- Do not feel.

Snake and earthworm -
They crawl using
their body.

Plants -

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in some of their parts.

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- v) Move from one place to another
- vi) Produce babies

Do not move

Do not produce babies.

H.W.

- 1) What is difference between living and non-living things?
- 2) How do Human and animals move?
- 3) Name the animals that lay eggs.
- 4) What are babies name of cat and dog?