

**CLASS: III**

**Subject: Science**

**Date:29/4/20**

**Topic: Living things & Non living things**

**Time Limit: 30mins**

***Worksheet No. : 3***

***[Copy the questions following the notes and solve them on a sheet of paper date wise. Keep the worksheets ready in a file to be submitted on the opening day.]***

Yesterday we saw how living things grow & move. Today we will see how living things breathe, react & reproduce.

First, answer the following questions on the movement of living things from our yesterday's class.

Q. Why do living things move?

Q. Do non living things move?

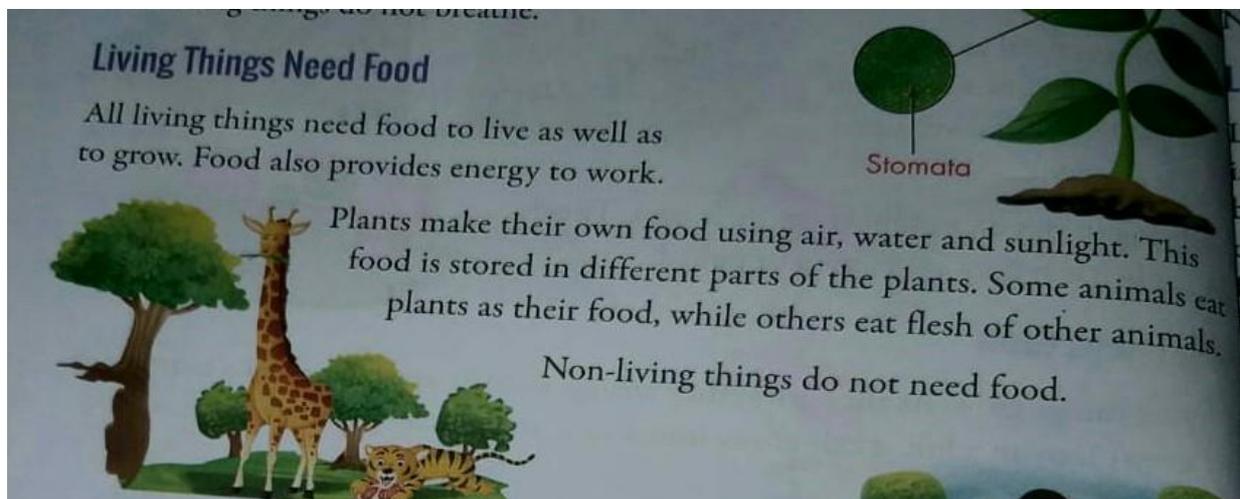
Q. How do different living organisms move?

Today we will study about the other characteristics of living things.

### 3. Living things breathe-----

Human beings and many animals breathe through their nose. Humans breathe in oxygen and breathe out carbon dioxide. Fish breathe through their gills. Plants breathe through a small opening on the underside of their leaves called stomata. Plants take in carbon dioxide and give us oxygen to breathe by purifying the air. Plants make their food with the help of this carbon dioxide, sunlight, water and air, this process of making food by the plants is called photosynthesis.

### 4. Living things need food----



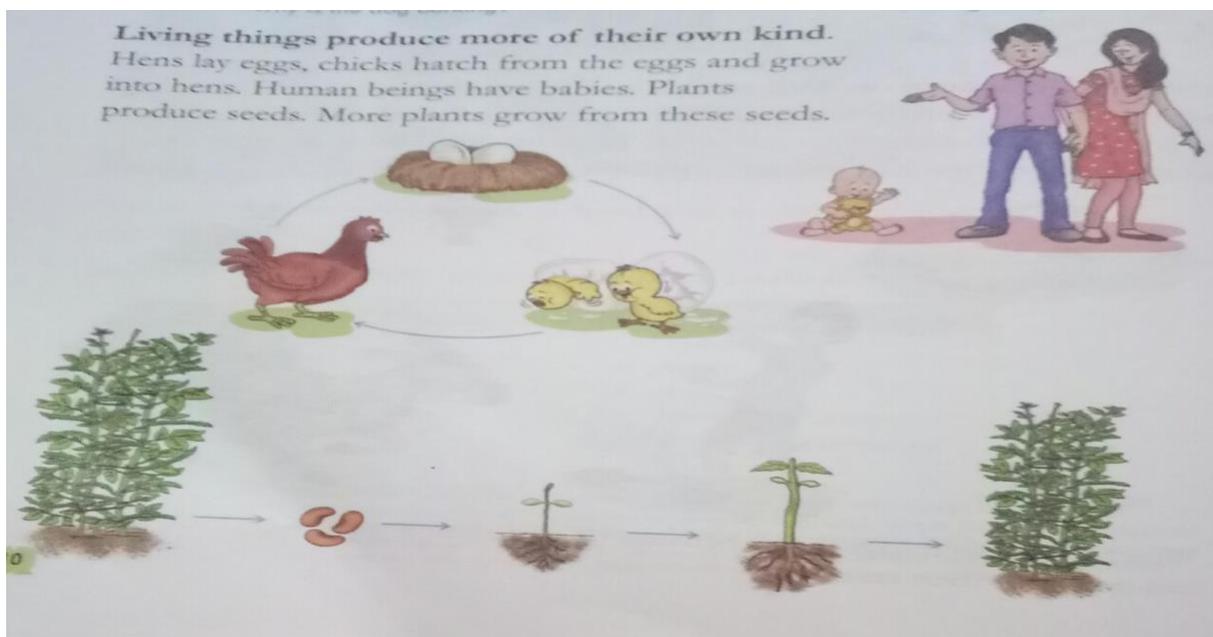
### 5. Living things feel-----



Plants also feel changes around them and we can see their response. For example, the leaves of the *Mimosa* plant (touch-me-not) feels and responds to touch. Hibiscus flowers open during sunrise and close at night.

Non-living things do not respond to the surroundings or feel changes.

## 6. Living things reproduce----



Living things reproduce to give birth to their young ones. Humans, animals, birds, plants and other living creatures reproduce in different ways. Human beings and four legged animals give birth to their young ones. Birds, reptiles & fish lay eggs. Plants reproduce from seeds, stem cutting, leaves, etc.

### ***Points to remember-----***

- 1. Living things need food to grow and live healthy.**
- 2. Living things can grow.**

3. Living things can move from one place to another.
4. Living things breathe.
5. Living things can feel the changes in the environment.
6. Living things produce more of their own kind.

**Exercise: Answer the following questions.**

- Q. In what ways do living things breathe?
- Q. Why do living things breathe in oxygen?
- Q. How do plants breathe?
- Q. How plants make their food?
- Q. What is photosynthesis?
- Q. Why do we need food?
- Q. What kind of food do goats, cows, deer eat?
- Q. What do human beings eat?
- Q. Name the sense organs that help us to feel.
- Q. How do insects feel?
- Q. How do plants feel?
- Q. Why do living things reproduce?
- Q. How do different living things reproduce?

**Define----**

- A. Reproduction
- B. Photosynthesis