

Raisina Bengali School, C.R. Park

SCIENCE worksheet for std 5 for the session 2020-2021

Hello, my dear children. Welcome to your new class- std 5.

I Hope you all are fine and safe also. We all have got a long break due to the circumstances but we should not waste the time. Now, we, the human beings are confined but the plants are enjoying the nature as usual. Plants are very useful to us. Life cannot exist without plants. But how do plants grow? Let us read how new plants grow.

REPRODUCTION IN PLANTS

Reproduction is a process by which living beings produce young ones of their own kind. There are three methods of reproduction in plants:

1. From seeds
2. From spores
3. From body parts [Vegetative propagation]

Reproduction from seeds: Flowers are the reproductive organ of a plant. Flowers grow into fruits. Fruits contain seeds. When the seeds get proper air, water and warmth[sunlight], they germinate to form a new plant.

From Spores: Non flowering plants like Fern and Mosses reproduce through spores. These plants produce spores which germinate under suitable conditions and grow into new plants.

From body parts: In some plants, reproduction does not take place from seeds, but new plants grow from body parts like root, stem, leaves, etc. This type of reproduction is called **vegetative propagation**.

Plants growing from roots: sweet potato, beetroot etc. Plants growing from stems: onion, potato, ginger, rose, sugarcane, etc. Plants growing from leaves: bryophyllum, African violet etc.

TRACK YOUR PROGRESS:

1. Why do we need plants?
2. What is reproduction? Mention three ways of reproduction in plants.
3. What are the conditions needed for germination?

ACTIVITY : Take some gram seeds and soak them in water for 2-3 days. After 3 days, take out a few gram seeds and observe them carefully. Write down your observation.

[Prepared by Mrs. Durba]

