

Welland Gouldsmith School

Class – III

General Science Worksheet

Parts of a Plant and their Functions

A plant is made up of different parts. The plant is divided into two basic sections, the root and the shoot. The part that lies under the ground is the root whereas the part above the ground is the shoot. It bears branches, leaves, buds, flowers and fruits. Each part has a set of jobs to do to keep the plant healthy. The roots absorb water and minerals from the soil and anchor the plant in the ground. The stem supports the plant above the ground and carries the water and minerals to the leaves. Green leaves with the help of water, carbon dioxide and sunlight make food for the whole plant and the process by which they make food is called photosynthesis.

The flower is the most beautiful part of the plant. It helps in reproduction because they put forth fruits and seeds. Fruits are formed from flowers and have seeds inside them. New plants are mostly grown from seeds.

1. Answer the following questions :-

- a) Name the part of the plant which prepares food ?
- b) By which process do green plants make their food ?
- c) What is the name given to the small holes present on the lower surface of the leaf?
- d) How is the root of the plant different from its shoot?
- e) Why is the leaf called the food factory of a plant ?
- f) How does a plant make its food ?

2. Fill in the blanks:-

- a) The _____ is the underground part of the plant.
- b) A plant absorbs _____ and _____ through its roots.
- c) The flowers help in reproduction because they put forth _____ and _____.
- d) When the seeds get enough _____, and _____, it grows into a new plant.
- e) The flat and broad part of a leaf is called the _____ _____.

3. Answer in one or two words :-

- a) Name the most beautiful part of the plant:-
- b) Where is the extra food in the form of starch stored ?
- c) Name a fruit with one large seed :-
- d) Name the part of the plant that grows above the soil:-
- e) Name any two leaves that are eaten as food :-

4. Draw, label and colour:-

- a) Parts of a plant
- b) A diagram showing photosynthesis
- c) A plant with fibrous root
- d) A plant with tap root

5. Do exercises C , D, and E in the text book. (pages, 21 & 22)