

Name: _____ Date: _____

Getting to Know Plants

Q1. Name the different parts of the plant. Mention main functions of each part.

Ans. _____

Q2. Explain an activity to show that plant transpires.

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Ans. Parts of plants and their function

1. Stem – The main function of the stem is to support the shoot of the plant. It conducts water and minerals to the leaves and transport food prepared by the leaves to the other part of the plant.
2. Roots – It provide support to the plant in the soil. It absorbs water and other nutrients from the soil and transports these things to the stem.
3. Leaves – It prepares food for plants by the process of photosynthesis. It helps in inter-change of gases between the atmosphere and the plant and evaporation of water.
4. Flowers – The primary purpose of a flower is reproduction. It produces seed which produce new plants.

Q2. Explain an activity to show that plant transpires.

Ans. Take a healthy plant. Enclose a leafy branch of the plant in a polythene bag and tie up its mouth. Tie up another branch without leaf with a polythene bag. Keep the plant in the sun. After a few hours, we observe tiny droplets of water on the inner surface of polythene bag with leaves and no water in the polythene bag which encloses the empty branch. This shows that plant transpire.