

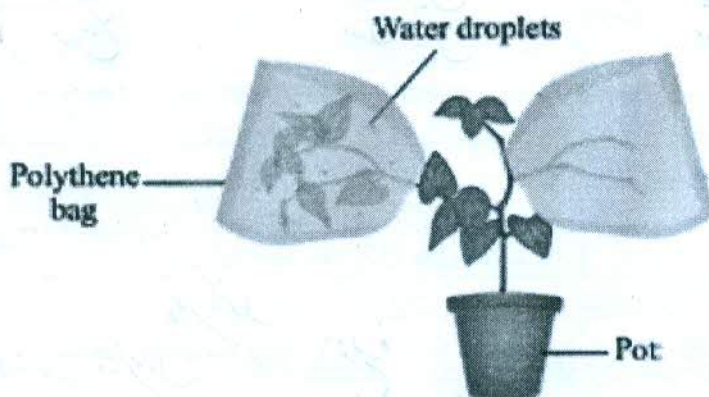
Plant System

Transpiration:

It is defined as the evaporation of water from plants especially leaves through a small openings called stomata. Wind, temperature, light and humidity are the main factors that effect the rate of transpiration. Transpiration help in growth and development of plants. It also controls the temperature of plants.

Activity:

Take a potted plant with at least two branches. Remove all the leaves from one of the branch and tie a plastic bag around it. Tie the other plastic bag around a branch with many leaves.



Observation: Observe your plant and answer the questions.

1. Did you observe the small droplets of water inside the plastic bag without leaves?

2. Did you observe the small droplets of water inside the plastic bag with leaves?

3. This experiment shows that water vapours are released by?

4. Transpiration occurs through openings in leaves called.

The small openings in leaves called Stomata.

5. Transpiration controls the _____ of plants.

Transpiration controls the temperature of Plants.

Perform this experiment at home and observe the process of transpiration.