

Grade-4

Biology

Ch-2 Lesson-1



What are plant's characteristics?

Q1. Name three characteristics of plant.

A1. 1) Plants are multicelled organisms.

2) Plants are made up of tissues and organs.

3) Plants contain chlorophyll and make their own food.

Q2. What is a multicelled organism?

A2. A multicelled organism is made of many cells.

Q3. What are the functions of chlorophyll?

A3. 1) Chlorophyll makes plants green.

2) It traps sun's energy that helps in photosynthesis.

Q4. What are stomata? Write their function.

A4. The small openings on the underside of the leaves are called stomata.

They allow carbon dioxide, water and oxygen to pass into and out of the leaves.

Q5. Write a short note of photosynthesis.

A5. Photosynthesis occurs in the chloroplast of leaf cells. In photosynthesis plants make sugar by using carbon dioxide from air, water absorbed by roots and sunlight. Water and oxygen are the waste products of photosynthesis.

Grade-4

Biology

Ch-2 Lesson-2


01/11/2020

What are the parts of plants?

Q1. Why do larger plants have woody stems instead of flexible stems?

A1. Woody stems are thick and strong, they can support the weight of larger plants. Flexible stems would bend under the weight of larger plants.

Q2. What are the functions of roots?

A2. 1) Roots hold the plants firmly in the ground.

2) It absorbs water and mineral nutrients from the soil.

3) Some roots store plants food.

Q3. How do stems help a plant survive?

A3. Stems carry water, food and nutrients between the roots and leaves and hold the leaves up so that leaves can get sunlight. Some green stems also produce food for the plants.

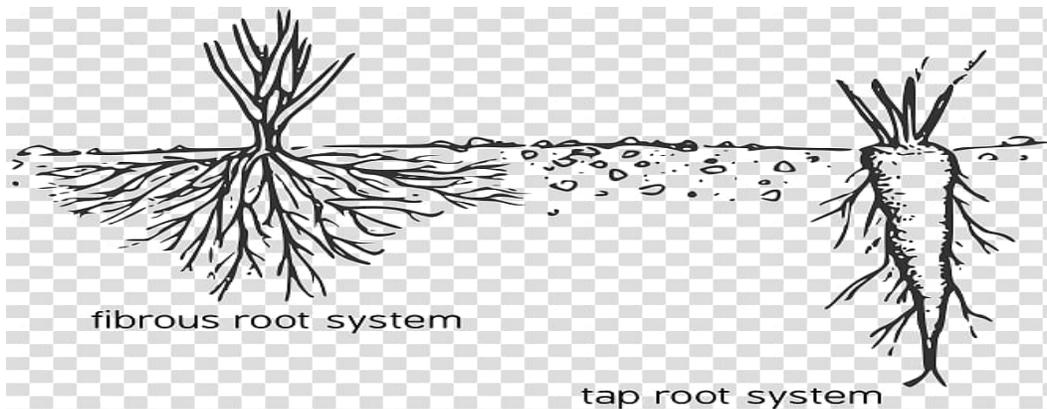
Q4. What are the differences between fibrous roots and tap roots?

A4. Fibrous Roots

- 1) It has many roots.
 - 2) Roots spread out in many directions.
- Eg: Grasses, trees

Tap Roots

- 1) It has a main root.
 - 2) It grows straight down
- Eg. Carrot, radish and turnip



Q5. What is the role of waxy covering on stems?

A5. Waxy covering protects the stem and prevents the stem from drying out.