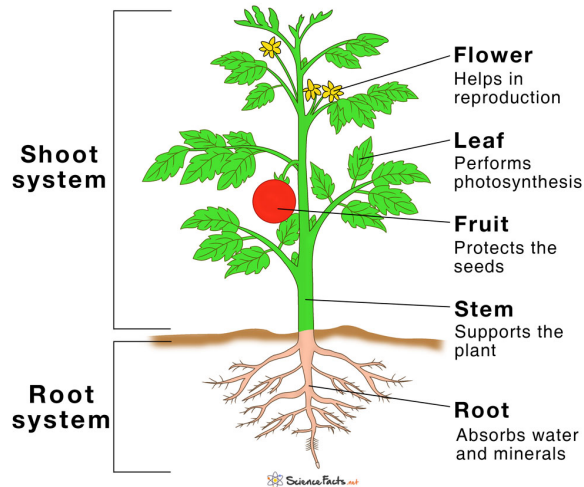


A. Introduction to Plants

Introduction to Plants

Plants are incredible living beings that make our world colorful, vibrant, and full of life! They come in all shapes and sizes, from tiny grasses to tall trees. You can find them in your backyard, at the park, or even in the wildest jungles. Let's dive into the fascinating world of plants and discover their amazing features.

Parts of a Plant



What Are Plants?

Plants are living organisms that belong to the kingdom of life called "Plantae." They are different from animals because they cannot move from one place to another. Instead, they stay rooted in the ground and use sunlight to make their food. This magical process is called photosynthesis.

The Magic of Photosynthesis

Photosynthesis is like a superpower that plants possess. Using special parts called

leaves, plants take in carbon dioxide from the air and absorb water from the ground. With the help of sunlight, they transform these ingredients into food and release oxygen back into the air. Isn't that amazing? Without plants, there would be no oxygen for us to breathe!

Parts of a Plant

Plants have various parts that help them grow and survive. Let's learn about some of the essential parts:

1. Roots

These are like anchors that keep the plant firmly in the ground. Roots also soak up water and nutrients from the soil, providing essential nourishment to the plant.

2. Stem

The stem is like the plant's backbone. It supports the plant and carries water and nutrients from the roots to other parts of the plant.

3. Leaves

Leaves are like tiny food factories. They capture sunlight and, along with water and carbon dioxide, create food through photosynthesis.

4. Flowers

Flowers are a plant's way of making seeds. They come in various shapes and colors and attract insects and birds to help with pollination.

5. Fruits

Fruits are the result of a successful pollination process. They contain seeds that can grow into new plants.

How Plants Reproduce

Plants have clever ways of making more plants. Some plants use seeds, while others use spores or grow new plants from their roots or stems. When seeds or spores find a suitable spot with enough sunlight, water, and nutrients, they sprout and grow into new plants.

Plants and Us

Plants play a crucial role in our lives. They provide us with food, such as fruits, vegetables, and grains, which give us the energy to stay healthy and active. They also give us materials like wood and paper to build houses and create books. Plants are even used to make medicines that help us feel better when we're sick.

Taking Care of Plants

Just like any other living thing, plants need care and love. To help them grow, we can water them regularly, give them enough sunlight, and protect them from harmful pests. Plants also appreciate a little talk or song now and then!

Remember, plants are not just pretty decorations; they are essential for life on Earth. So, let's cherish and protect these green wonders that make our planet so special!

1. What is photosynthesis?
 - A) A superpower that allows plants to move from one place to another.
 - B) A magical process that helps plants make food using sunlight.
 - C) A type of food that plants eat to survive.
 - D) A kingdom of life where plants belong.
2. What do plants release back into the air during photosynthesis?
 - A) Carbon dioxide.
 - B) Water.
 - C) Oxygen.

D) Sunlight.

3. What are the special parts of a plant that capture sunlight for photosynthesis?

- A) Roots.
- B) Stems.
- C) Leaves.
- D) Flowers.

4. How do plants reproduce?

- A) By using spores or growing new plants from their roots or stems.
- B) By moving from one place to another.
- C) By laying eggs like birds and animals.
- D) By catching insects and birds for pollination.

5. What do fruits contain that can grow into new plants?

- A) Water and carbon dioxide.
- B) Sunlight and nutrients.
- C) Seeds.
- D) Leaves and stems.

6. Why are flowers important for plants?

- A) They provide food for the plant.
- B) They make the plant look pretty.
- C) They attract insects and birds for pollination.
- D) They help the plant move from one place to another.

7. What do roots do for a plant?

- A) They carry water and nutrients from the roots to other parts of the plant.
- B) They keep the plant firmly in the ground and soak up water and nutrients.
- C) They capture sunlight for photosynthesis.
- D) They help the plant make seeds.

8. Why are plants important for us?

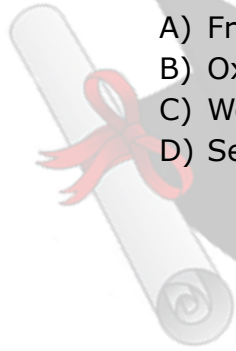
- A) They provide us with oxygen to breathe.
- B) They are pretty decorations for our homes.
- C) They give us energy to stay healthy and active.
- D) They help us travel from one place to another.

9. How can we help plants grow and stay healthy?

- A) By watering them regularly, giving them enough sunlight, and protecting them from harmful pests.
- B) By using plants to build houses and create books.
- C) By singing and dancing around the plants.
- D) By using plants to make medicines.

10. What do plants provide us with to build houses and create books?

- A) Fruits and vegetables.
- B) Oxygen to breathe.
- C) Wood and paper.
- D) Seeds and spores.



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ANSWERS & EXPLANATIONS

1. B) A magical process that helps plants make food using sunlight.
 - Photosynthesis is a magical process that helps plants make food using sunlight, carbon dioxide, and water.
2. C) Oxygen.
 - During photosynthesis, plants release oxygen back into the air, which is essential for us to breathe.
3. C) Leaves.
 - Leaves are the special parts of a plant that capture sunlight for photosynthesis.
4. A) By using spores or growing new plants from their roots or stems.
 - Plants reproduce by using seeds or spores or by growing new plants from their roots or stems.
5. C) Seeds.
 - Fruits contain seeds that can grow into new plants when they find a suitable spot with enough sunlight, water, and nutrients.
6. C) They attract insects and birds for pollination.
 - Flowers are important for plants because they attract insects and birds, which help with pollination and the formation of fruits and seeds.
7. B) They keep the plant firmly in the ground and soak up water and nutrients.
 - Roots keep the plant firmly in the ground and soak up water and nutrients from the soil, providing essential nourishment.
8. C) They give us energy to stay healthy and active.
 - Plants provide us with food, such as fruits, vegetables, and grains, which give us the energy to stay healthy and active.
9. A) By watering them regularly, giving them enough sunlight, and protecting them from harmful pests.
 - To help plants grow and stay healthy, we can water them regularly, provide enough sunlight, and protect them from harmful pests.
10. C) Wood and paper.
 - Plants provide us with materials like wood and paper, which are used to build houses and create books.