



# 1

## The World of Plants

Plants are a very important part of our world. They are living things just like animals and people, but they are different in many ways. Plants are found almost everywhere on Earth. We can see them in gardens, parks, forests, fields, mountains, and even deserts. From the smallest blade of grass to the tallest tree, plants make our surroundings green and beautiful. They also give us many things that we need to live.

One of the most special things about plants is that they can make their own food. Unlike people and animals, who must eat other food to survive, plants prepare food by themselves. They use sunlight, water, air, and minerals from the soil to make their food. This process is called photosynthesis. The green color in their leaves, called chlorophyll, helps them in this process. Because of this, plants are often called the “producers” of nature, as they produce food not only for themselves but also for many other living things.

Plants provide food to us in many forms. We eat fruits, vegetables, grains, nuts, and seeds that come from plants. For example, rice, wheat, and maize are all plant products and are the main food for millions of people around the world. Many tasty





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## The Snap Shot

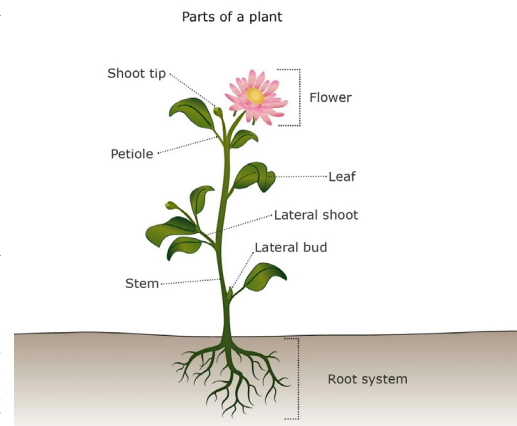
fruits like mangoes, bananas, apples, and oranges also grow on plants. Even the spices that make our food delicious, like pepper, cardamom, and cloves, come from plants.

### Besides food, plants give us oxygen,

Which is the most important thing for life. When plants make their food, they also release oxygen into the air. All living beings, including humans, animals, and birds, breathe in this oxygen to stay alive. Without plants, the air would not be clean and fresh, and life on Earth would not be possible.

Plants also provide us with wood, paper, cotton, medicines, and many other useful things. They give shade in the hot sun, make the soil fertile, and keep the environment cool. Trees act like natural homes for many animals, birds, and insects.

In short, plants are friends of all living things. They give us food, oxygen, shelter, and many resources. We must take care of them by planting more trees, watering them, and protecting them from harm. When we protect plants, we protect life itself.



### How Do Plants Make Food?

- Plants are special because they make their own food.
- They use sunlight, water, air, and minerals from the soil.
- This process is called photosynthesis.
- The green substance in leaves, called chlorophyll, helps in making food.

### Assessment Questions

1. Write two reasons why plants are called producers.
2. Name three things plants give us apart from food.

### Fill in the blanks:

3. Plants make their food by a process called \_\_\_\_\_.
4. The green color in leaves is called \_\_\_\_\_.





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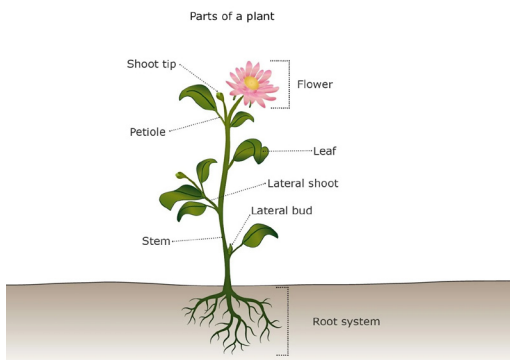


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## Chapter

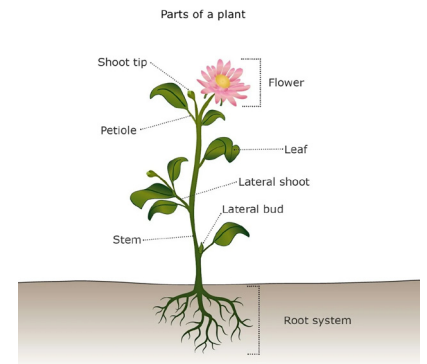
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