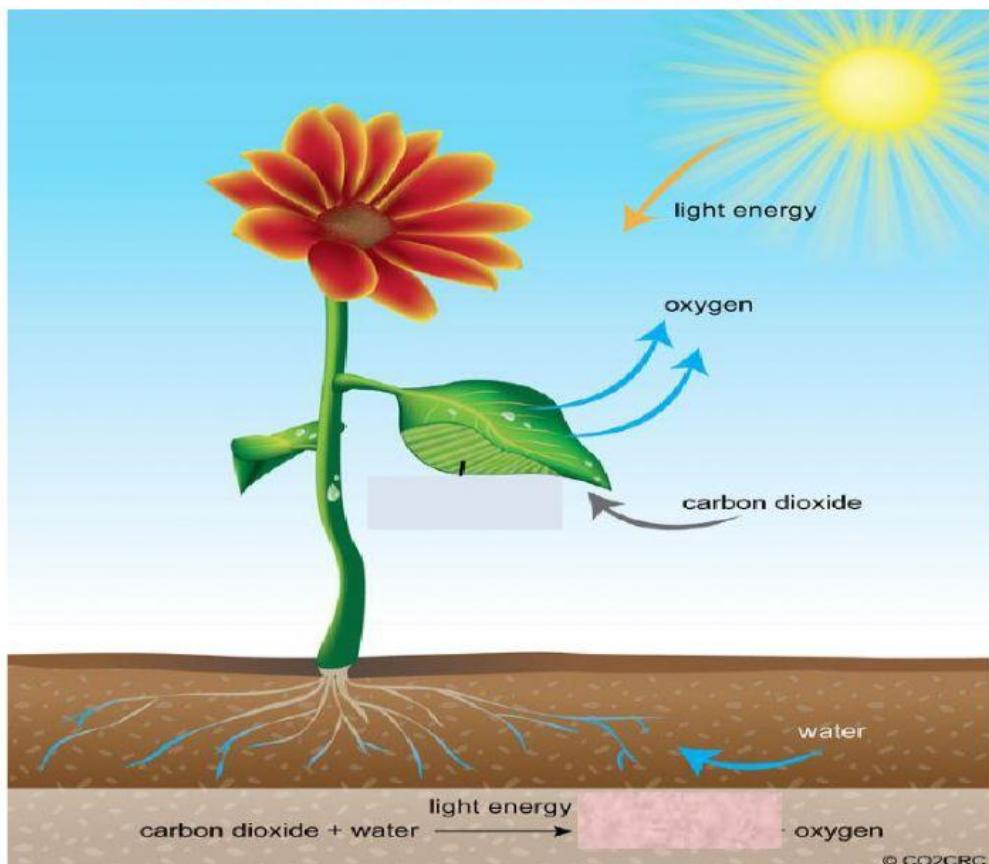


Science's note

Bismillaahirrohmaanirrohiim

PARTS OF PLANTS AND THEIR FUNCTIONS



There are three classifications of living things. Among three, there is only one that can make food by itself. It is called **plant**.

Each part of a plant has important functions.



Leaves are important for plants because:

- It is a place for leaves make their own food. The process of making its own food in plants is called photosynthesis.
- To process the food, the plants need the ingredients. Leaves help to collect the ingredients.
- Leaves absorb carbon dioxide from the air.
- Leaves also take the energy from the sun to help it cook the food.



- A stem is one part of plants. Its function is to hold the plants **firmly above** the ground.
- A stem has many functions for plants. They are:

- ✓ To **support** other parts of the plants, such as: leaves and fruits.
- ✓ To carry/transport **water and minerals from the roots** to the leaves.
- ✓ To transport **food from the leaves** to other parts of the plants.
- ✓ To protect the important parts inside the plants from insect, weather and animal damages.

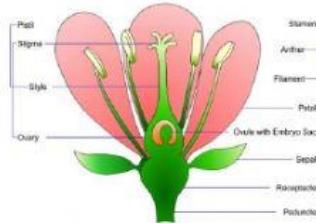
ROOTS



- Roots are one part of plants that hold the plants below the ground.
- Roots have many functions for plants. They are:
 - ✓ To anchor the plants to the soil.
 - ✓ To absorb water and minerals from the soil
 - ✓ As a place to store plants' food, such as in carrots and radish.

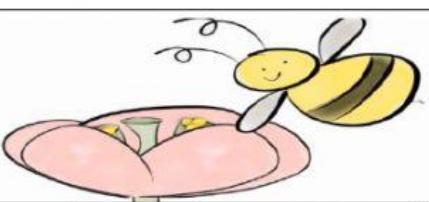
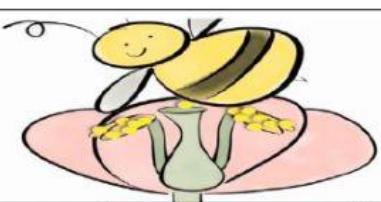
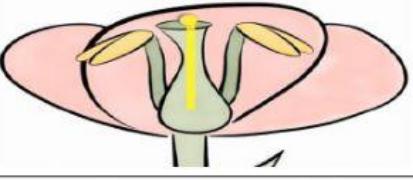
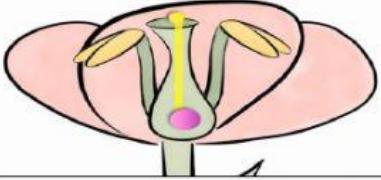
FLOWERS, SEEDS AND FRUITS

- Flowers, seeds and fruits are the reproductive system of plants



- Here is the process of reproduction in plants with flowers, seeds and fruits.

✓ Pollination

	
Flower petals and smell attract insects and bees.	The bee carry pollens from stamen and drop them to stigma.
	
The pollens, then, go through the style.	The pollens fall to the ovary.

- After pollination, the flower petals will fall and the ovary develops into fruits that protect the seeds that grow inside the fruits.
- All plants produce flowers for the same reason: to make seeds so another plant can grow.