

## PLANTS



Plants are **living** things.

### What are the Parts of a Plant?

Let's go from the bottom to the top.

## ROOTS



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☼ The roots  
the wind.

away in

☼ The roots also take in water and other important things from the soil that the plant needs to grow strong.

### Different types of roots:

- Some roots are one large root.
- Other roots have many tiny roots that go out in many directions underground.



**Let's check what we have learned so far:  
What is the job of the root of a plant?**

Let's move up the plant a little more now...

**THE STEM**



- Stems carry water and other important things taken up by the roots to the leaves.

- Stems are up straight.

plant stands  
up straight.

Time to move

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**THE LEAVES**



- Green plants make their own food in their leaves!
- Leaves come in many different shapes and sizes.

All the way to the top of the flower now...

## THE FLOWER



☼ The flower makes seeds so that the flower can make new flowers.

☼ Flowers



*In what*

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*food?*

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**Answers:**

☼ Yellow, sticky pollen on a flower needs to be moved from one flower to another flower so that flower can make seeds to grow new plants.



☼ Bees help move pollen from one flower to another. Pretty colored petals help attract bees to a flower.

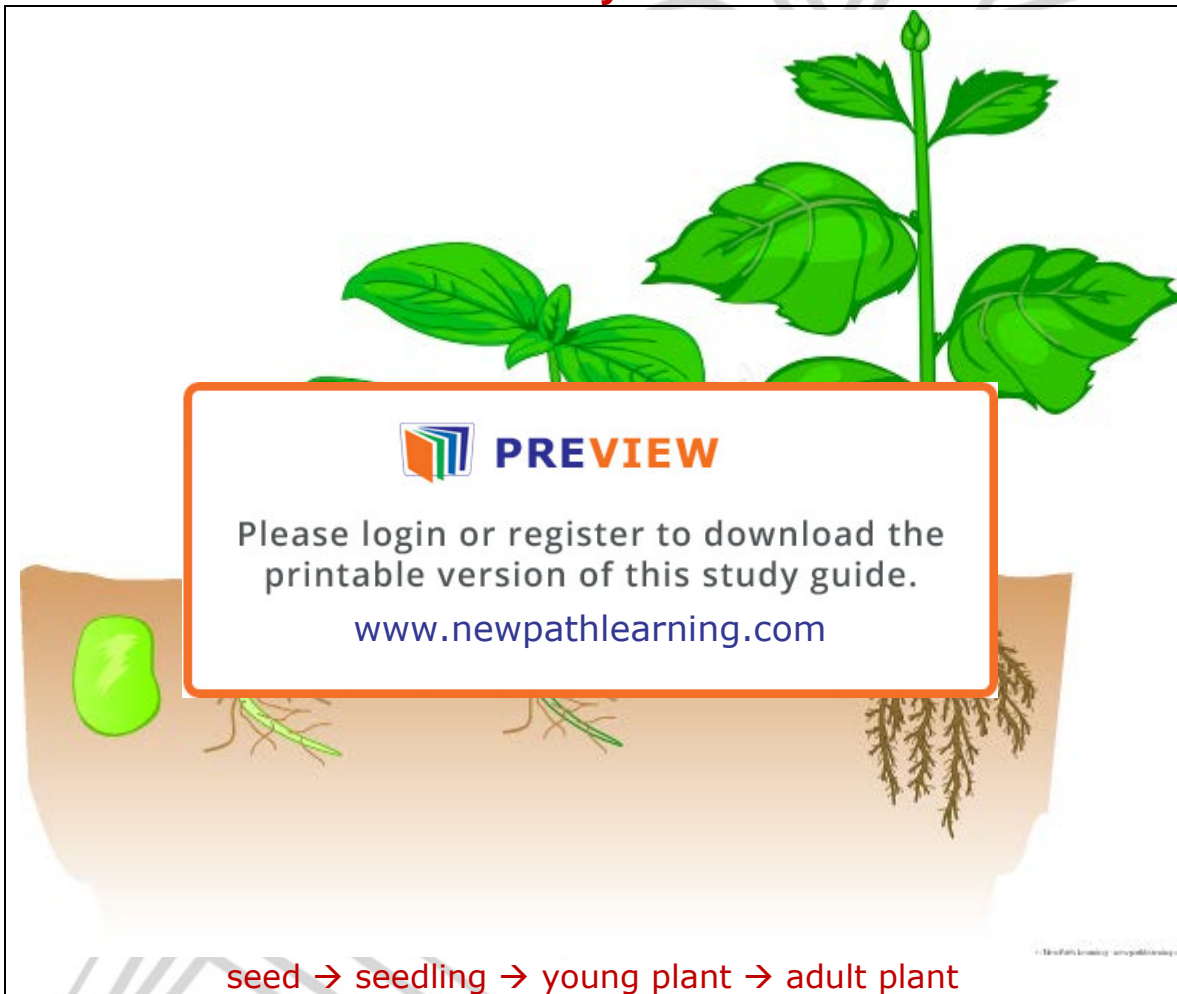
☼ Every seed is a tiny plant with leaves, stems, and root parts waiting for the right things to happen to make it germinate and grow.

☼ The fruit that grows on plants has seeds inside them! When those seeds fall to the ground, they grow into new plants.

## A Plant's Life Cycle

- 🌱 A plant's life cycle is how long a plant lives or how long it takes to grow, flower, and make seeds.
- 🌱 All plants need water, air, and warm temperatures to grow.

### Let's Look at the Plant Life Cycle:



## Who Needs Plants?

EVERYONE!

- 🌱 Plants give off a gas called oxygen which is what we (and animals) need to breathe in to live.
- 🌱 Animals also eat plants, which helps keep them alive.

There are two **MAIN** kinds of plants:

1. **Flowering plants**
2. **Non-flowering plants** (these plants make spores instead of seeds)

*Let's check what we have learned so far:  
Why do we need plants?*



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