

PLANTS



Plants are **living** things.

What are the Parts of a Plant?

Let's go from the bottom to the top.

ROOTS



PREVIEW

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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



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PREVIEW

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- ☼ 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



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- ☼ 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:



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seed → seedling → young plant → adult plant

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?*

A graphic showing a row of diverse children standing on a green patch of grass. Above them are four thought bubbles containing various educational icons: a 3D cube, a microscope, a protractor, a globe, a chemistry flask, a globe, a DNA helix, a pie chart, a bar graph, and a calculator. The word "ABC" is also visible in one of the bubbles.

PREVIEW

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