



# What Plants Need to Grow



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# What a Plant Needs



air

light

water



nutrients



warmth



# Why Does it Need Them?

- If a seed is not **warm** enough, it will not germinate
- Germination is when the seed starts to sprout into a plant
- If a plant does not have enough **light**, it will grow to be tall and flimsy as it searches for light. It will probably die.
- If a plant is not **watered** enough, its stem will be fragile and have very dry leaves. It will eventually die.



# What Parts of a Plant Do



The **leaves** use a process called **photosynthesis** to produce food for the plant. They use **light, water and carbon dioxide** to do this.

The **stem** transports water and nutrients to all parts of the plant.

The **roots** take up water and nutrients from the soil. They also keep the plant in the ground.



