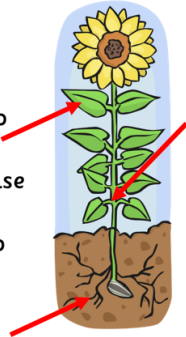


### What Parts of a Plant Do

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.

### What happens when a plants basic needs are changed

If a seed is not warm enough, it will not germinate properly.

If a seed is does not get any water, it will not germinate at all.

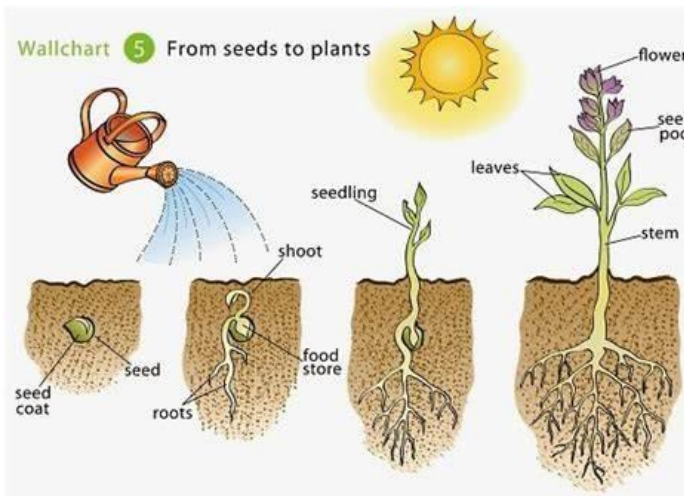
If a plant does not have light, it will grow to be tall and flimsy as it searches for light.

If a plant is not watered enough, its stem will be fragile and have very dry leaves.

### What a Plant Needs



air  
light  
water  
nutrients  
warmth



### Vocabulary

<b>stem</b>	The main body of a plant, usually rising above the ground.
<b>root</b>	The part of a plant, which attaches it to the ground or to a support. This takes in the water and nutrients from the soil.
<b>leaf</b>	Leaves produce food for the plant through a process called photosynthesis.
<b>flower</b>	The part of a plant that produces seeds.
<b>nutrients</b>	Something that helps the plant to survive and grow.
<b>germinate</b>	When a seed starts to sprout into a plant.
<b>Photosynthesis</b>	A process in which green plants use the sunlight to make their own food.
<b>Carbon Dioxide</b>	A gas that is taken in from the air by plants during photosynthesis.