



## Science knowledge

### Plants have to make their own food!

Green plants can't eat so they make their own food using light from the sun. In order to survive plants need:

**Light, Air, Water and Nutrients**



LAWN

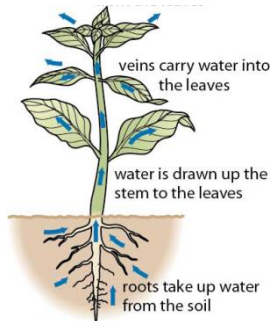
### Insects help to make more plants!

Insects carry pollen from one flower to another (**pollination**). This helps them to make new plants (**reproduction**).



### Water moves through plants.

**Transportation** is the process by which water and nutrients move through a plant.



**Seed Dispersal:** Plants need to make sure their seeds travel to new places to ensure the survival of their species. Seeds are dispersed in many different ways.

Wind



Water



Carried by animals



Eaten by animals



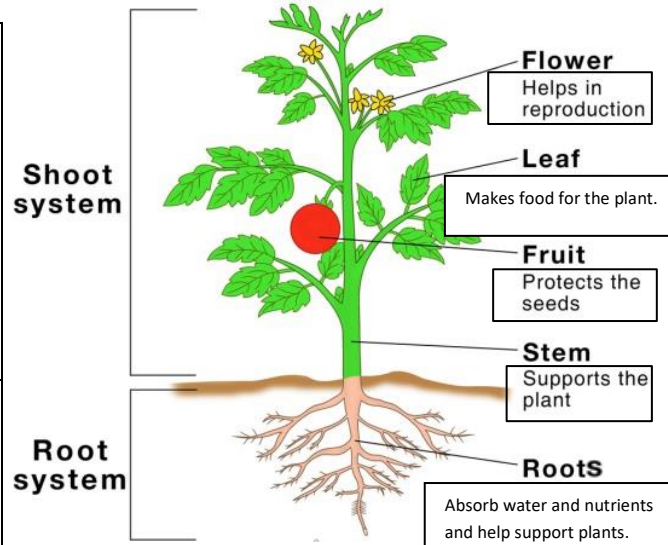
Drop and roll



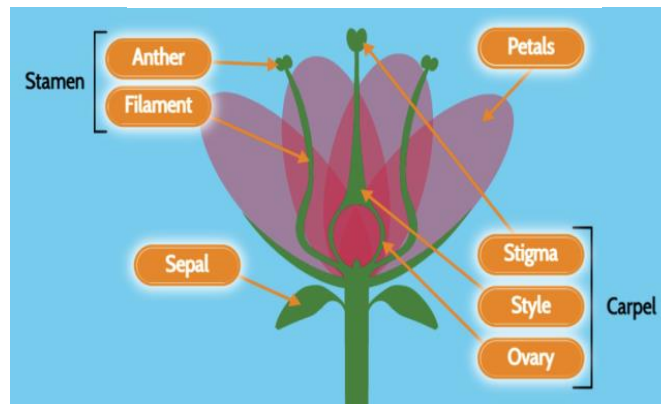
Exploding



## Parts of a Plant



## Parts of a Flower



## Science Vocabulary

Word	Definition
<b>Anther</b>	Male part of a flower that contains pollen.
<b>Nutrients</b>	Important substances that help plants and animals live and grow.
<b>Pollen</b>	Fine powdery grains that form on the male part of a flower.
<b>Pollination</b>	The process by which pollen is moved from the male part of one flower to the female part of another.
<b>Reproduction</b>	The process by which an organism produces new individual organisms.
<b>Seed</b>	Produced by a flowering plant. Grows into a new plant.
<b>Stigma</b>	Female part of a flower that receives pollen.
<b>Germination</b>	When a seed sprouts into a seedling.