

ESSENTIAL VOCABULARY

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|------------------------|---|
| Flowering plant | A plant that produces flowers |
| Tree | A woody plant that has a single stem or trunk. It grows very high and has branches that grow higher up the trunk. |
| pollination | When pollen from a plant is transferred to another plant to allow fertilisation |
| Seed formation | When pollen fertilises egg cells (ovules) seeds are made |
| Seed dispersal | The fully formed seeds are moved away from the parent plant. They can be moved by insects, the wind, water etc |
| leaves | These make food for the plant using sunlight and carbon dioxide from the air |
| flower | These make seeds to grow into new plants. Their petals attract pollinators to the plant. |
| stem | This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree. |
| root | These anchor the plant into the ground and absorb water and nutrients from the soil |

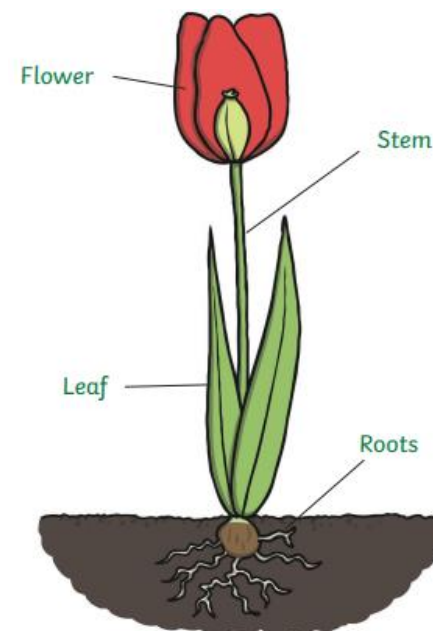
What plants and trees need to grow

Plants and trees need:

- air
- light
- water
- nutrients from the soil
- room to grow

in order to become strong and healthy.

Diagram of a Flowering Plant



Water Transportation in Plants

Roots absorb water from the soil where the plant is planted. Then, the water travels through the plant to the stem. Water is sucked up through the stem (just like the way you suck up a drink through a straw!) and then the stem passes water on to the leaves. Water evaporates from the leaves into the atmosphere.

MAKING LINKS TO PREVIOUS LEARNING

GOLDEN VOCABULARY

| | |
|---------------|--|
| life | When something is alive it has life |
| growth | When something increases in size |