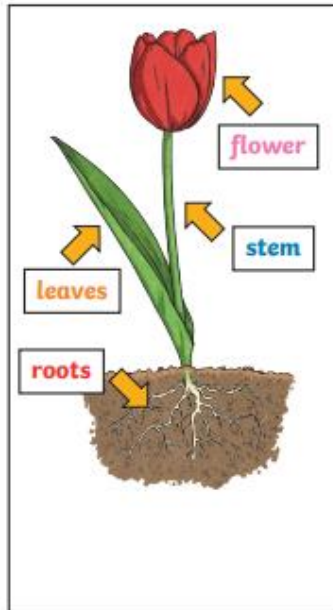


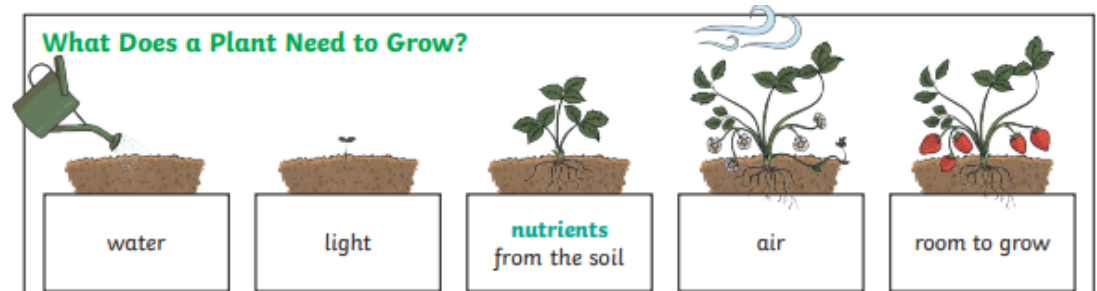
PLANTS



Lesson 2

roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
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.
leaves	These make food for the plant using sunlight and carbon dioxide from the air.
flowers	These make seeds to grow into new plants. Their petals attract pollinators to the plant.

What Does a Plant Need to Grow?



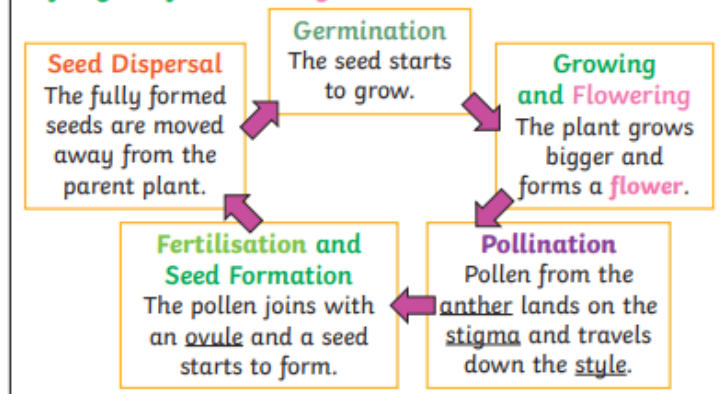
Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.

Lesson 1 and 5

Plants use carbon dioxide (air) and sunlight to produce their own food.

Lesson 3

Life Cycle of a Flowering Plant



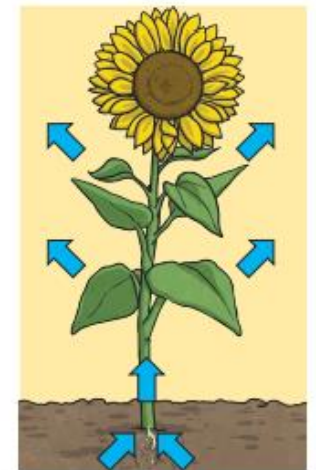
Lesson 4

Flowers attract insects to the plant which help with pollination



How Water Moves through a Plant

1. The **roots** absorb water from the soil.
2. The **stem** transports water to the **leaves**.
3. Water **evaporates** from the **leaves**.
4. This **evaporation** causes more water to be sucked up the **stem**.



The water is sucked up the **stem** like water being sucked up through a straw.

Key vocabulary

Plant	A living thing that grows using photo synthesis
Flower	The seed producing part of a plant
Flowering plant	A plant that produces flowers
Non-flowering plant	A plant that does not create flowers
Stem	The part of a plant that holds the flower up and transports water
Trunk	The main woody stem of a tree as distinct from its branches and roots
Leaf	An area of a plant that uses carbon dioxide and sunlight to create food for the plant
Root	Normally below the ground and they anchor a plant to the floor. They also absorb nutrient from the ground
Life cycle	The process a living thing goes through from birth to death
Seed	The small pip that comes from a plant that grows into a new plant
Germination	When a seed starts to grow
Growth	When something gets bigger in size
Reproduction	The process of a plant dropping a seed and growing into a new plant
Pollination	The process of pollen travelling from the reproductive organs of one plant to another. This often happens when insects visit the flowers one after another

Seed spreading	The transportation of seeds away from the plant
Transportation	When an object moves from one place to the next
Attract	To pull or draw someone or something towards them
Insect	A small invertebrate that plants attract
Carbon dioxide	A gas that plants use for nutrition
Air	A gas that covers the earth
Water	A liquid that plants need to grow
Sunlight	Light that comes from the sun that plant use as nutrients
Minerals	Some of the nutrients that plants need to grow
Environment	The physical surrounding of earth
Pollution	When different gasses cause harm to the environment
Nature reserve	A protected area of land where plants are allowed to grow
Sort	To organise something
Group	To put different things together for a specific reason
Classify	To group different items based on a specific reason