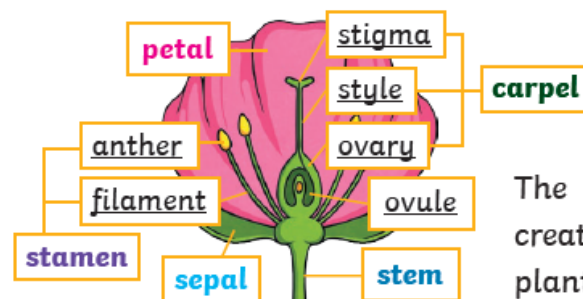
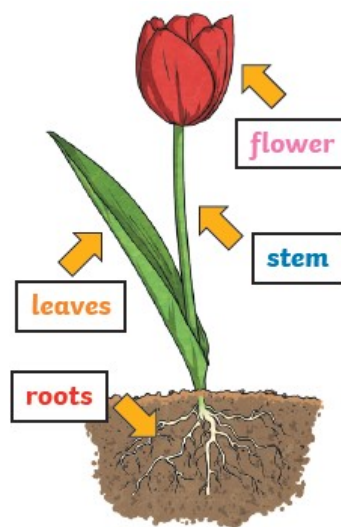


Key Vocabulary

Roots	These anchor the plants 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 into the leaves.
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.
Nutrients	These substances are needed by living things to grow and survive.
Evaporation	When a liquid turns into a gas.
Fertilisation	When the male and female parts of the flower have mixed in order to make seeds for new plants.
Reproduction	The process by which a living organism creates copies of itself.
Dispersal	The scattering, separating or spreading of something over a large area.
Absorb	To soak up or take in.
Pollination	To pollinate a plant is to fertilise it with pollen. This is often done by insects.



The **flower's** job is to create seeds so that new plants can be grown.



Resources	Safety Cards
<ul style="list-style-type: none"> Seeds (cress, beans) Pots, compost Flowers to dissect 	Card 12 - Plants

What key knowledge will I have by the end of this unit?

- Roots are for collecting water and to support the plant.
- Stems are used for transporting water and provide structure
- Leaves absorb sunlight and carbon dioxide
- The plant makes its own food in the leaves
- The leaf uses the sunlight to turn carbon dioxide and water into food for growth

What key skills will I have by the end of this unit?

- Safety in science
- Scientific models - plant function
- Annotated diagram – plant / seed
- Fair test, control variables, observations, accurate measurements, recording data, simple conclusions, improvements
- Making predictions / further questions

In KS1:	In Year 3:	In Year 4:	In Year 5:	In Year 6
<ul style="list-style-type: none"> Name a variety of plants. Identify basic plant structure. Observe that seeds grow into plants 		<ul style="list-style-type: none"> Flowering plants have specific parts to carry out pollination Seed dispersal 	<ul style="list-style-type: none"> Animal life cycles Reproduction of plants 	