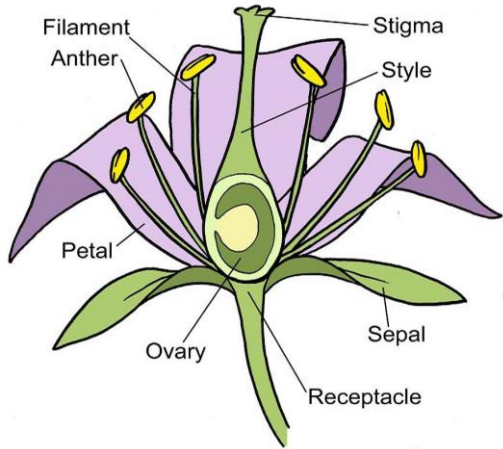


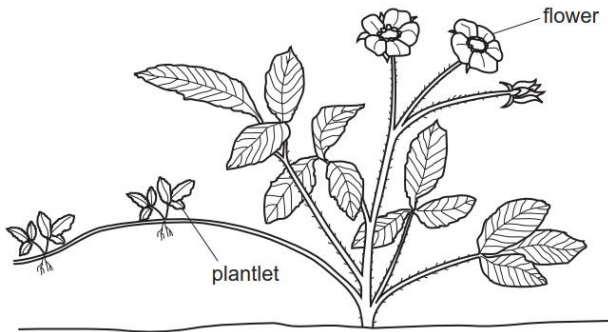
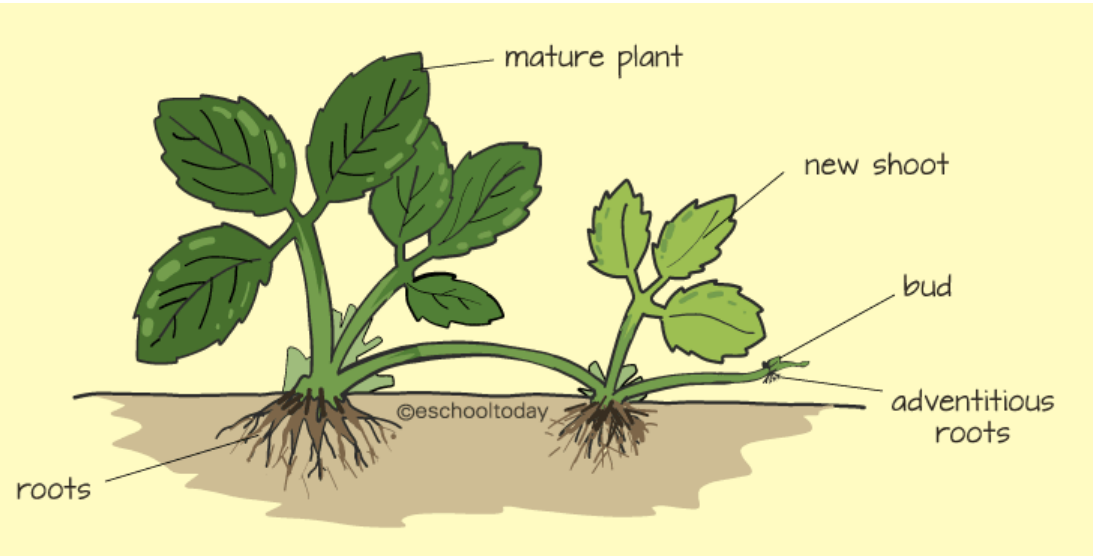
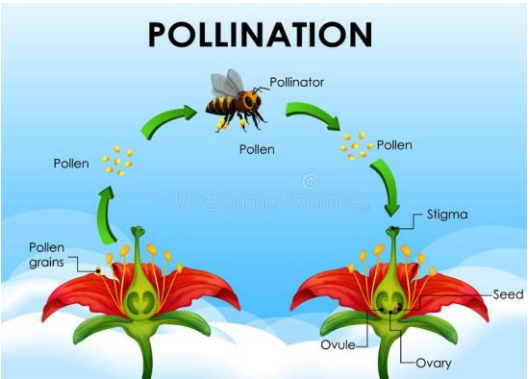
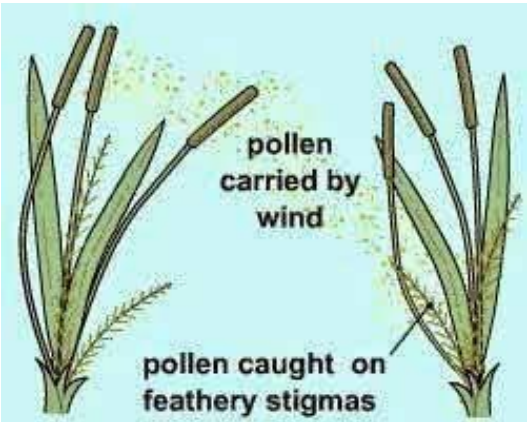
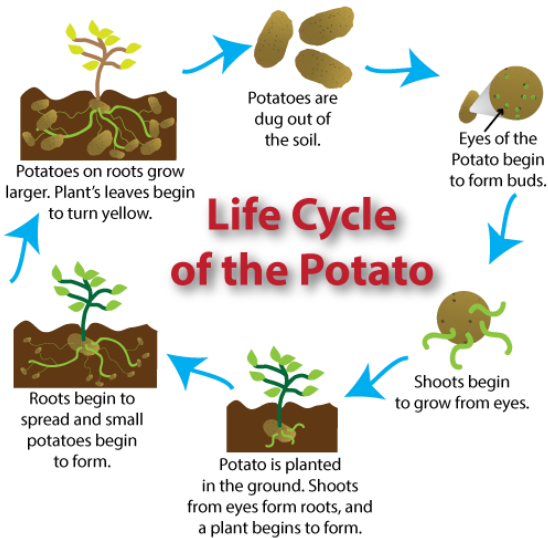
By the end of the unit, pupils will be able to answer...

- What are the different ways that you can classify a plant?
- How do plants reproduce and grow?
- How might you find out what an unknown plant is?

Vocabulary	Definition
asexual reproduction	when a part of a plant breaks off and it starts to grow until it is the same size as the plant it came from
bulb	the round, underground part of a plant that contains food for the plant
classification	the act of sorting and grouping based on criteria
cutting	a piece of a plant used that can be replanted and grown
flowering	a plant that produces flowers
non-flowering	a plant that does not produce flowers
plantlet	a small, undeveloped plant
runner	a long, thin stem that grows horizontally and produces roots and shoots, widely spaced
tuber	a thickened, underground part of a stem from which a new plant can grow
sexual reproduction	when the pollen from one flower joins the egg of another flower to form seeds



Filament + Anther = Stamen
 Stigma + Style + Ovary = Carpel



Investigate!	
- Grow and observe plants that reproduce asexually - Take and replant cuttings from a range of plants - Plant and harvest bulbs, seeing how they multiply - Use secondary sources to find out about pollination	- Use information about the characteristics of an unknown plant to assign it to a group - Classify plants, presenting in a range of ways: Venn diagrams, Carroll diagrams and keys - Create an imaginary plant that has features from more than one group

Ways to Classify Plants		
Flowering or Non-Flowering	Usual Location	
Grass / Cereal / Garden	Shrub / Deciduous /	
Algae / Coniferous / Fern		
Colour	Height	Amount of Flowers
Fruit Bearing or Not	Distinguishing Features	