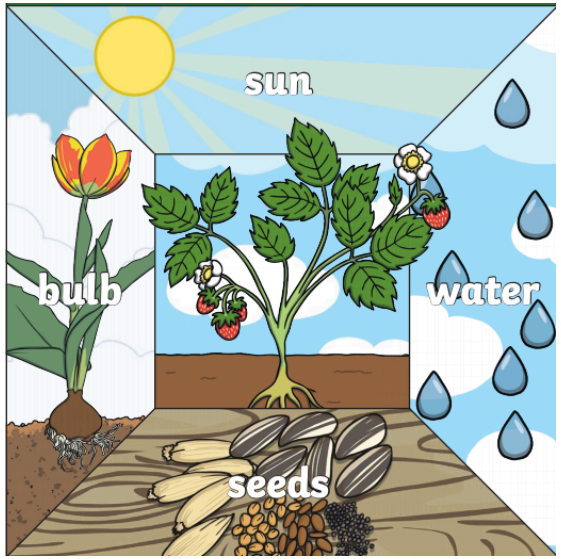
Year 2: Plants Learning Organiser

Subject Specific Vocabulary

seeds	This is how all plants begin their lives, When seeds are planted in the soil, new plants grow from them
bulb	This is the next stage of a plant's growth, when it starts to absorb water and grow.
mature plants	A fully grown plant with a stem, roots, leaves and flowers or fruit
water	Plants need water to grow properly
light	Sunlight is also needed for plants to grow and if they do not get enough light, the leaves can die.
temperature	Plants need the right temperature to grow – if it is too hot or too cold they will struggle to survive.
healthy	This is when a plant is growing properly - the leaves are green and the flowers are open
grow	The process by which a seed changes into a mature plant
germination	When seeds develop it starts to develop its stem.

What do plants need to grow?



Plants need the right amount of light, water and the correct temperature to grow. If it gets too cold or too hot, they will struggle to grow properly and can sometimes even die.

Different types of seeds

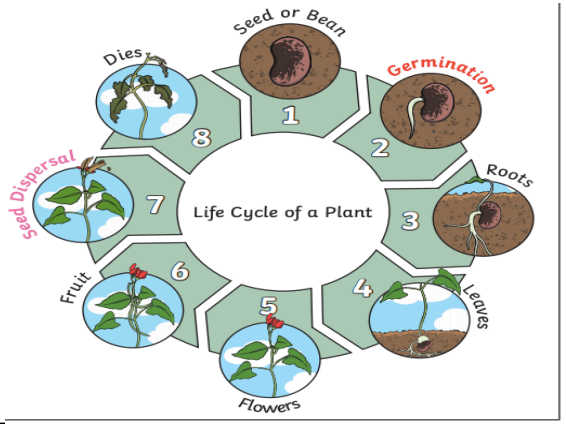


Some seeds can be hidden inside a fruit like in an avocado or an apple.



Other seeds are very small and can actually be eaten like coriander seeds.

Lifecycles



Like animals, plants go through lots of different stages as they grow. They start of a seed or a bean, underground and then develop a small stem. After this they grow roots, which anchor them into the ground.
Next they grow leaves – this is when they are growing above the ground and we can see them. Sometimes they even grow fruits (like apples and pears) or flowers (like roses and daisies).
Finally the plants disperse their seeds (so they can carry on growing) and at the end of their life cycle, they die.