

Year 2: Plants

How seeds and bulbs grow

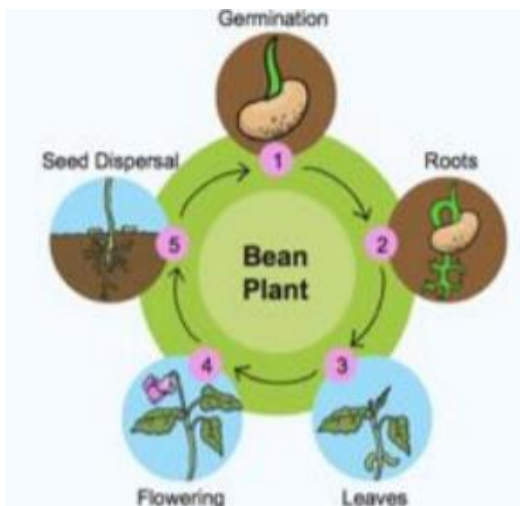
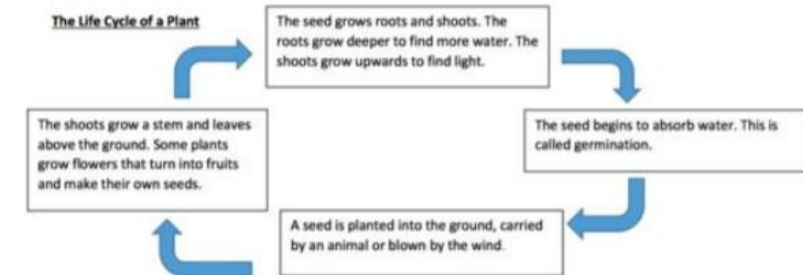
When seeds start to grow, this is called ...	Germination
To germinate, seeds need :	<ul style="list-style-type: none"> • Warmth • Air (Oxygen) • Water
Seeds don't need light ...	This is because they have a store of food inside them already
What next?	Once the stem breaks through the soil it is then a plant.

How plants grow

A plant	A living thing that usually grows from the ground
The main parts of a plant	<ul style="list-style-type: none"> • Flowers • Leaves • Stem • Roots
To grow and survive, plants need	<ul style="list-style-type: none"> • Light • Water • Carbon dioxide <p>This is so they can make their own food.</p> <ul style="list-style-type: none"> • Warmth <p>This is because if plants get too hot or cold they will die</p>
What next? (The life cycle of a plant)	<ul style="list-style-type: none"> • The plant grows • The flower comes and then dies • A fruit/flower with seeds is left behind • The seeds get scattered • The process begins again • This is called the lifecycle of a plant

What things does a plant need to grow?

In order for a seed to survive and grow into a strong plant, it needs water, light, suitable temperature, air and time.



VOCABULARY

Control Variable	The parts or elements of a scientific investigation which stay the same
Dispersal	The scattering of seeds, by planting, by wind or by animals
Flower	The part of the plant that blossoms and produces new seeds
Germination	When a seed begins to grow, using its stored food
Independent Variable	The part or element of a scientific investigation which is changed
Leaves	Uses light, air and water to make food for the plant
Life-cycle	The stages a plant goes through from the beginning of its life until the end, when the process starts all over again
Roots	Holds the plant in the ground and absorbs water and nutrients
Stem	Supports the plant and transports water around the plant
Seeds	The part of a plant from which a new plant grows