

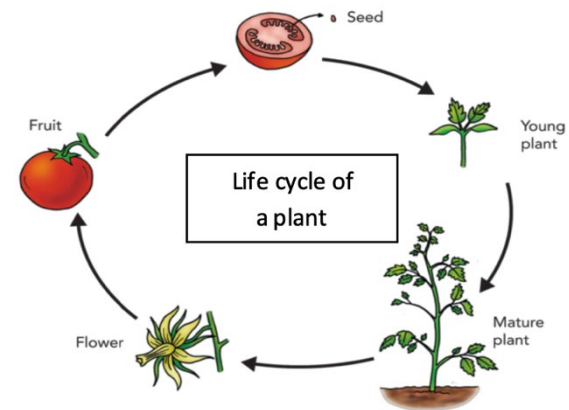
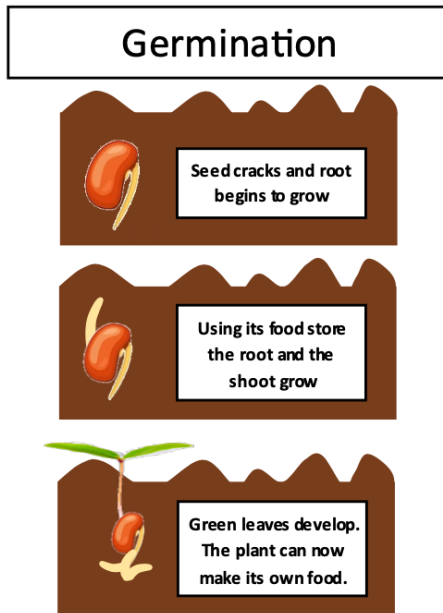
What? (Key Knowledge)	
How seeds and bulbs grow	
When seeds start to grow, this is called...	Germination.
To germinate, seeds need:	<ul style="list-style-type: none"> • Warmth • Air (Oxygen) • Water
Seeds don't need light...	This is because they have a store of food inside them already.
What next?	Once 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 that they can make their own food.</p> <ul style="list-style-type: none"> • Warmth <p>This is because if plants get too hot or too cold then 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 with seeds is left behind. • The seeds get scattered. • The process begins again. • This is called the life cycle of a plant.

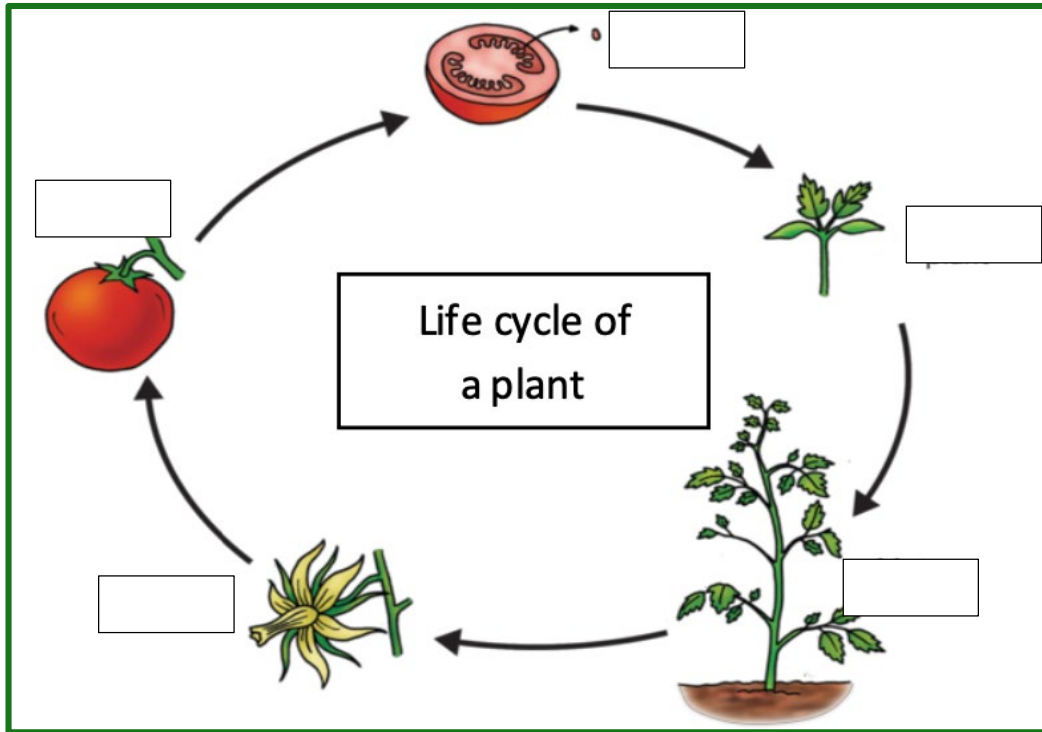
What? (Key Vocabulary)	
Spelling	Definition/Sentence
germinate	begin to grow and put out shoots after a period of dormancy.
flower	the seed-bearing part of a plant that are typically surrounded by brightly coloured petals
petal	each of the segments of a flower which are usually colourful
bud	a growth on a plant that develops into a leaf, flower, or shoot.
light	the natural agent that stimulates sight and makes things visible.
grow	undergo natural development by increasing in size and changing physically.
healthy	in a good physical or mental condition.

Take it further at home...

- Can you make a seed germinate without soil?
- Find ways to prove that a plant needs water to stay healthy
- Find ways to prove that a plant needs light to stay healthy.
- Label the lifecycle
- Fill in the vocabulary chart – try and do this from memory with them!

Diagram and symbols





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	each of the segments of a flower which are usually colourful
bud	
	the natural agent that stimulates sight and makes things visible.
	undergo natural development by increasing in size and changing physically.
healthy	

