

Phase: Key Sage 1 Year 2

Subject: Science

Focus: Plants

Term: Summer 1 & 2

What I should already know?

- Plants are a large group of living things.
- There are many different kinds of plants.

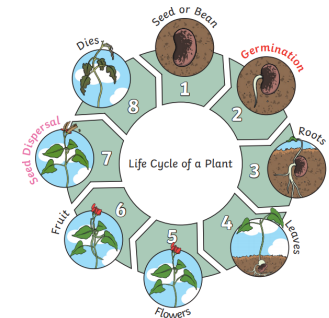
Vocabulary

Bulbs	Bulbs grow into new plants.
Flowers	Flowers attract insects and birds.
Fruit	Fruit contains the plant's seeds. Sometimes humans try to grow fruit without seeds because it's easier to eat.
Germination	When the conditions are right the seed soaks up the water and swells, and the tiny seed bursts out of its shell. This is called germination.
Leaves	Leaves catch sunlight to help the plant make its own food.
Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.
Petals	Petals are the colourful part of the flower.
Roots	Roots take in water and nutrients from the soil and keep the plant in the ground.
Seeds	Seeds grow into new plants
Seed dispersal	Seed dispersal is when a seed moves away from a parent plant. They can be moved by the wind and animals.
Shoot	A shoot grows upwards from a seed or plant to find sunlight.
Stem	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.
Sprout	When a plant sprouts it grows new shoots.
Deciduous	A deciduous tree loses its leaves each year. evergreen
Evergreen	An evergreen tree keeps its green leaves all year round, even in the winter.

Knowledge

What do plants need to grow well?

sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight . Some plants only need a little sunlight .
water	All plants need water to grow. Without water , seeds and bulbs will not germinate .
temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures .
nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight .



By the end of the unit I should know...

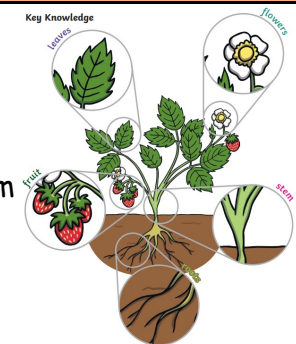
Plants can be grouped into different groups- wild plants, garden plants and trees.

Plants begin to grow in the Spring.

Some trees lose their leaves every year. Others keep them. These are called evergreen.

Seeds and bulbs mature into plants.

That plants need water, light and warmth to grow and stay healthy.



<u>Question 1</u> What do the leaves on a plant do?	<u>Start of Unit</u>	<u>End of Unit</u>
Make it look nice and pretty.		
Help the plant to stand up.		
Make food for the plant.		
Don't know		

<u>Question 3</u> What do all plants need to grow?	<u>Start of Unit</u>	<u>End of Unit</u>
Soil.		
Nutrients.		
Water.		
Don't know		

<u>Question 2</u> What do the roots of a plant do?	<u>Start of Unit</u>	<u>End of Unit</u>
Suck up water from the soil to feed the plant.		
Make a plant grow tall.		
Don't know		

<u>Question 4</u> How do plants make their food?	<u>Start of Unit</u>	<u>End of Unit</u>
From the roots.		
From their leaves and sunlight.		
Humans give them plant food.		
Don't know		

What I would like to find out?

Answers to my questions...