



Science- Plants (Year One focus)

This topic uses the local environment to explore and answer questions about plants growing in their habitat. They will observe the growth of flowers and vegetables that they have planted, becoming familiar with common names of flowers, examples of deciduous and evergreen trees and plant structures.

Key Skills

To identify and name a variety of common wild and garden plants, including deciduous and evergreen trees

To identify and describe the basic structure of a variety of common flowering plants, including trees.



Sticky knowledge:

Can identify local trees- Hawthorn, Oak, Sycamore, Elm, Holly.

Can identify local plants/flowers- dandelion, roses, buttercups, lavender, sunflower.

Know deciduous trees lose their green leaves in autumn/winter.

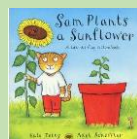
Know that evergreen trees stay green all year round.

Identify a plants roots, stem, leaves and flowers/fruit.

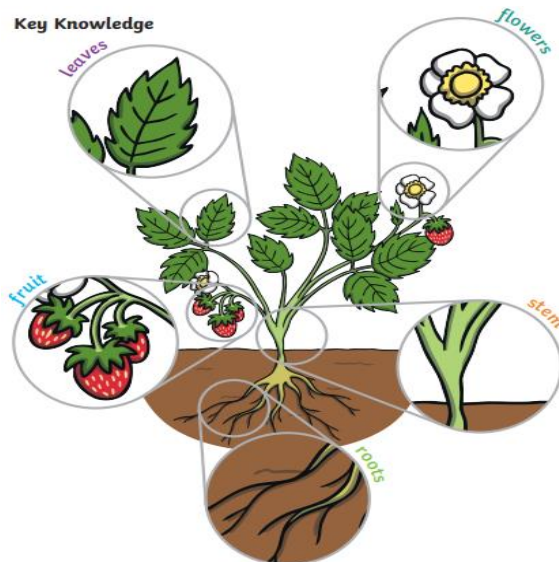
Key Vocabulary

wild plants	A wild plant seed grows where it falls. It doesn't need to be planted or cared for as it grows.
garden plants	Garden plants are plants that people choose to grow in their gardens.
weed	Weeds are wild plants that grow in places where people don't want them.
deciduous	A deciduous tree loses its leaves each year.
evergreen	An evergreen tree keeps its green leaves all year round, even in the winter.
roots	Roots take in water and nutrients from the soil and keep the plant in the ground.
stem	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers .
leaves	Leaves catch sunlight to help the plant to make its own food.
flowers	Flowers attract insects and birds.
petals	Petals are the colourful part of the flower .
fruit	Fruit contains the plant's seeds . Sometimes humans try to grow fruit without seeds because it's easier to eat.
seed	Seeds grow into new plants.
bulb	Bulbs grow into new plants.

Key reading:



Key Knowledge



January, you can plant the following vegetables:

Beets

Broad beans

Cabbage

Carrots

Garlic

Kale

Mushrooms

Onions

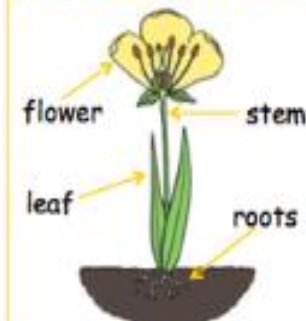
Potatoes

Spinach

Turnips

If you start in early to mid-January you want to sow your seeds under a cloche.

Parts of a Plant



Parts of a Tree

