



In the 'Plants' topic the children will learn about the different parts/features a plant has and its functions. The children will learn about the different types of plants/trees found in a garden and in the wild and be able to discuss the differences between them. They will understand what a 'weed' is and be able to identify some weeds. They will learn about the different parts/features a tree has and its functions. The children will learn about deciduous and evergreen trees and be able to discuss the differences between them. We will look at changes through the seasons and teach the children about the signs of Winter and Spring.

## Key knowledge

### Common Garden Plants:

People may grow plants in their gardens and care for them.

They may grow flowering plants, which are beautiful to look at, or beans and seeds to grow plants for food.

When plants are grown for food, this may be called a herb garden or vegetable patch.

Examples: rose, poppy, sunflower, runner beans, carrots.

### Common Wild Plants:

A wild plant will grow by itself.

It does not need to be cared for.

If it grows somewhere unwanted, it may be a weed.

Examples: buttercup, nettle, clover, daisy, dandelion.

### Evergreen and Deciduous Trees

An evergreen tree keeps its green leaves all year around.

Examples of evergreen trees: larch, yew, scots pine.

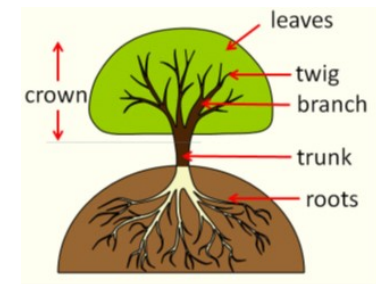
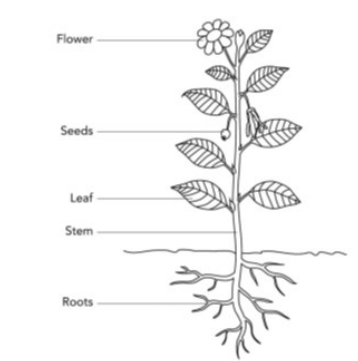
Evergreen leaves are: thick, wavy, small and are narrow like needles.

A deciduous tree loses its leaves each year.

Examples of deciduous trees: sycamore, oak and horse chestnut.

Deciduous leaves are: broad, flat and have veins running through them.

Deciduous through the seasons— changes that happen to the tree.



### Winter

Months of Winter - December, January, February—these are the coldest months of the year.

Days are shorter and nights are longer until mid December.

The temperature continues to fall; therefore, you will be wearing coats, hats and gloves outside, inside you might turn on the heating and have the lights on for longer periods of time.

In winter many trees are bare.

Animals may hibernate, migrate or adapt during the winter.

### Spring

Months of Spring - March, April, May

The temperature begins to rise

There are more hours of daylight in spring.

In spring we can see blossoms on the trees.

Flowers (like daffodils) begin to grow.

Animals become active in spring—arising from winter sleep

## Key Vocabulary

**Plant:** a living thing that grows in the earth and has a stem, leaves, and roots.

**Flowering Plant:** plants which produce flowers.

**Leaves:** the parts of a tree or plant that are flat, thin, and usually green.

**Roots:** the parts of a plant that grow under the ground.

**Stem:** the thin, upright part of a plant on which the flowers and leaves grow.

**Seeds:** the small, hard part from which a new plant grows.

**Flower:** the part of a plant which is often brightly coloured and grows at the end of a stem.

**Tree:** a tall plant that has a hard trunk, branches, and leaves.

**The crown** is made up of the leaves and branches at the top of a tree.

**Branches:** parts that grow out from the tree trunk and have leaves, flowers, or fruit growing on them.

**Twig:** a slender woody shoot growing from a branch or stem of a tree.

**Trunk:** the large main stem from which the branches grow.

## Key Questions

What common garden plants can you name?

What common wild plants can you name?

What is the difference between a garden plant and a wild plant?

What are the parts of a flowering plant?

What are the functions of the different parts of a flowering plant?

What is an evergreen tree?

What common evergreen trees can you name?

What is special about leaves on an evergreen tree?

What is a deciduous tree?

Can you describe what happens to a deciduous tree through the different seasons? What common deciduous trees can you name?

What is special about leaves on a deciduous tree?

When is Winter?

How do we know when it is Winter?

What changes can you see in Winter?

What do animals do during the Winter months?

When is spring?

What are the characteristics of spring?

What happens to animals and birds during the spring?