

Year 1: Science Plants Knowledge Mat

Subject Specific Vocabulary

root

A root. is a part of a plant that is usually hidden underground. They hold the plant in the ground and take water from the soil.

stem

The stem of a plant holds it upright.

trunk

The trunk of a tree holds it upright.

leaf/leaves

These are usually flat and green and grow from the stem.

flower

Flowers are usually brightly coloured and attract bees and butterflies.

evergreen

A tree which keeps its leaves all year round.

deciduous

A tree which sheds its leaves in autumn/winter.

wildflower

Any type of flower that grows naturally in the wild.

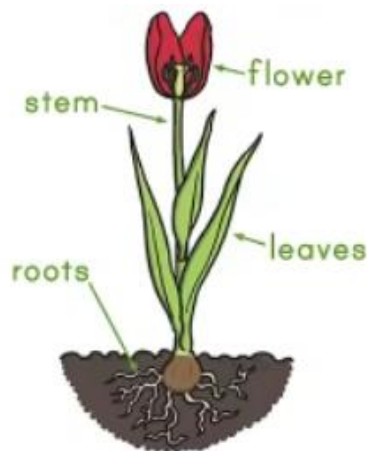
germinate

Seeds germinate and grow into seedlings.

seedling

A small plant grown from a seed.

Parts of a Plant



Evergreen and Deciduous Trees

Evergreen trees don't lose their leaves in Autumn. They are green all year.

Deciduous trees lose their leaves in Autumn. The leaves change colour and fall to the ground. The leaves grow again in Spring.



Important knowledge

- ☐ I know the parts of a plant or tree: root, stem, leaf and flower.
- ☐ I know the name of local trees: alder, oak, sycamore, beech, birch, rowan, holly.
- ☐ I know that some trees are deciduous: alder, oak, sycamore, beech, birch, rowan, and some are evergreen: holly and pine.
- ☐ I know the names of flowering plants: begonia, crocus, forsythia, marigold, snap dragon.
- ☐ I know the names of wildflowers: oxeye daisy, corn marigold, cornflower, forget-me-not, knapweed.
- ☐ I know that seeds need moist conditions to help them to germinate.
- ☐ I know that seeds germinate and grow into seedlings and then plants.
- ☐ I can label my drawing and photograph with the plant parts: root, stem, flower, leaf.
- ☐ I can sort leaves into groups: leaves which have lobes and leaves which do not; leaves which are green and leaves which have two colours; leaves which are prickly and leaves that are not prickly.
- ☐ I can draw pictures to explain that a deciduous tree loses its leaves in winter, but an evergreen tree keeps its leaves all year round.
- ☐ I can use a table to record information about wildflowers and flowering plants.
- ☐ I can make a prediction to say what I think will happen to the cress seeds I have planted.
- ☐ I can record how the seedlings have changed in height over the half term.