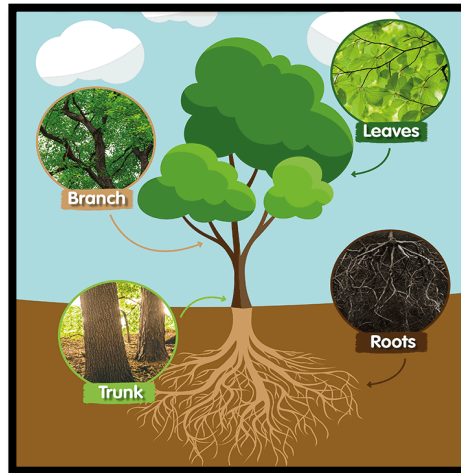


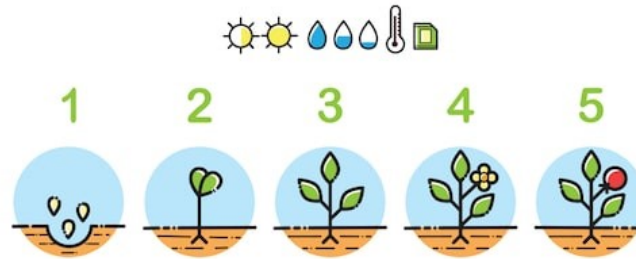
SMRP Science Knowledge Organiser for Year 1 Plants

Science knowledge

Parts of a tree



PLANT GROWTH STAGES



Trees have roots, a trunk and branches.

Plants have petals, a stem, leaves and roots.

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.

A wild plant will grow by itself. It does not need to be cared for.

SEASONAL CHANGE

What happens in Spring?



As the seasons change from Winter to Spring it starts to get warmer and the days get longer.

Trees begin to grow their leaves back, plants start to flower and young animals such as chicks and lambs are born.

Evergreen Trees

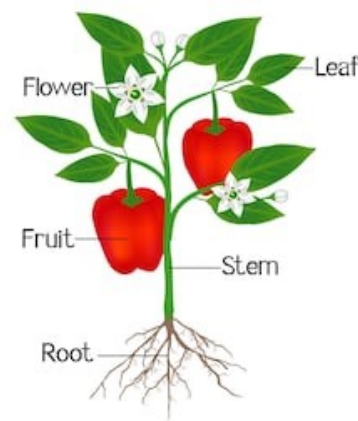


Evergreen trees have green leaves all year round. Their leaves are generally thick, waxy and narrow like needles.

Deciduous Trees



Deciduous trees lose their leaves in the autumn every year. Their leaves are generally broad, flat and have veins running through them.



Parts of a plant

Science Vocabulary

Word	Definition
leaf	The usually green, flat parts of a plant or tree that grows from the stem or branch.
flower	The part of a plant that has petals and that makes fruit or seeds.
blossom	The flower of a plant which forms a seed or fruit.
petal	The separate leaves that form the outer part of a flower
root	The part of a plant that usually grows underground. Roots take up water and nutrients, and hold the plant in the soil
bulb	A plant bud that begins to grow underground
seed	The small part of a flowering plant that grows into a new plant
trunk	The main stem of a tree.
branches	A woody part of a tree or bush that grows out from the trunk; limb.
stem	The main part of a plant that grows up from the ground and supports the branches, leaves or flowers, that may grow from it.