

Plants

Significant Scientist

Keiko U. Torii



Keiko U. Torii is a scientist from Japan. She studies flowers and plants to see how they grow and make seeds. Her work helps us learn how plants grow food and stay healthy.

Key Knowledge

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

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

Fruit and vegetables are also types of plants.

Common garden flowers are chosen by people to grow and look after.

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.

Enquiry Skills

Pattern seeking

Research

Sorting and classifying

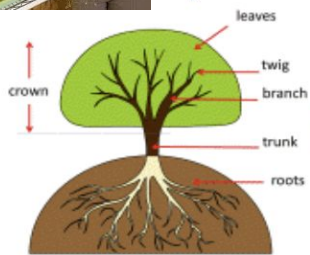
Working Scientifically Skills

Use observations and ideas to suggest answers to questions.

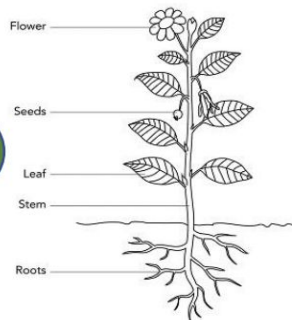
Gather and record data to help in answering questions.

Key Vocabulary

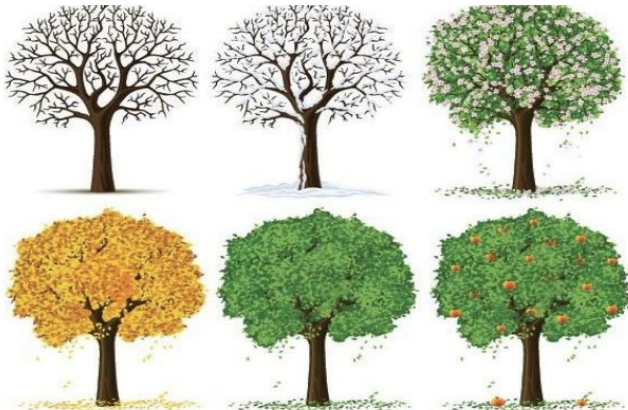
<b>deciduous</b>	A tree that loses its leaves in the autumn every year.
<b>evergreen</b>	A tree or bush which has green leaves all the year round.
<b>tree</b>	A tall plant that has a hard trunk, branches and leaves.
<b>leaf</b>	The parts of a tree or plant that are flat, thin, and usually green.
<b>flower</b>	The part of a plant that is often brightly coloured.
<b>petal</b>	Thin coloured or white parts which form part of the flower.
<b>stem</b>	The upright main stalk of a plant.
<b>root</b>	The part of the plant that grows under the ground.
<b>seed</b>	Small part of a flowering plant that grows into a new plant.
<b>fruit</b>	Fleshy part of a plant that contains seeds or a stone.
<b>trunk</b>	Large main stem of a tree.
<b>branch</b>	Part that grows out from the tree trunk and has leaves, flowers, or fruit growing on it.



Main parts of a tree



Main parts of a plant



Different types of trees and plants		rose	daffodil
oak	horse chestnut		
cherry	hawthorn	daisy	tulip
ash	sycamore		
hazel	holly	buttercup	dandelion