Plants

Significant Scientist

George Washington Carver

George Washington Carver (1860 - 1943) was an American agricultural scientist and inventor who promoted alternative crops to cotton and methods to prevent soil depletion like crop rotation. This helped farming and the growth of healthy crops.

Main parts of a tree

leaves, twig, branch, crown, trunk, roots

Main parts of a plant

Flower, Seeds, Leaf, Stem, Roots

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
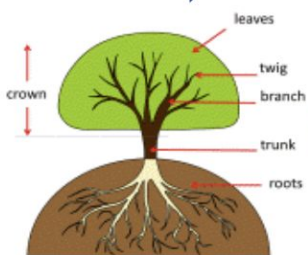
Pattern seeking

Research

Sorting and classifying

Working Scientifically Skills

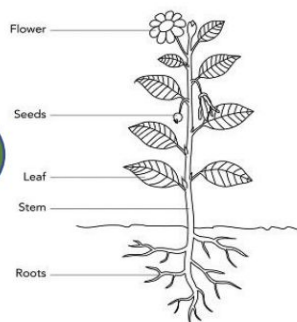Use observations and ideas to suggest answers to questions.
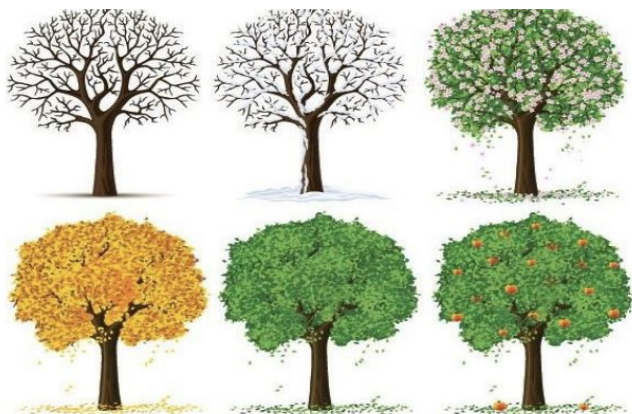
Gather and record data to help in answering questions.

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

Key Vocabulary

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

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