

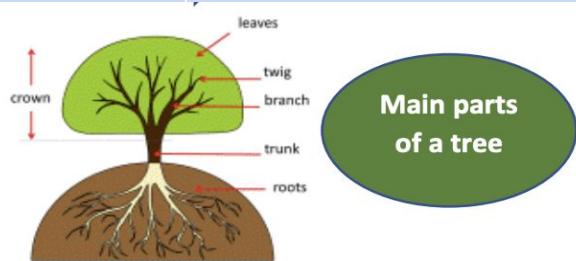
Plants

Significant Scientist

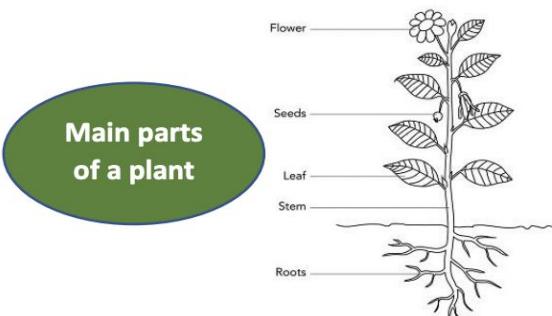
Norbert Rillieux



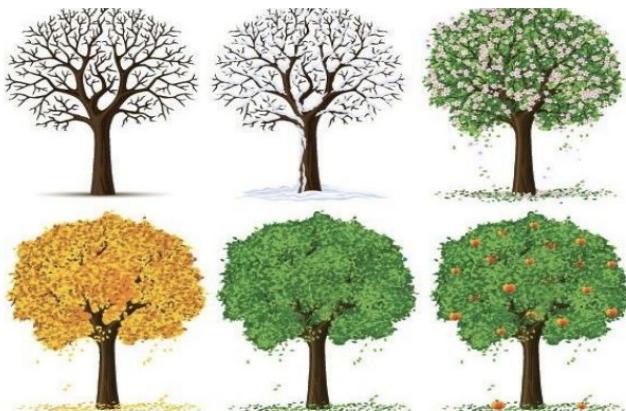
Norbert Rillieux studied sugar production from sugarcane, a plant, and invented a safer, more efficient evaporation system. His work helped people understand plant products and processing and shows how science can improve everyday life.



Main parts of a tree



Main parts of a plant



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

Key Vocabulary

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.