



Plants

Scientist: Jane Colden 1724-1766

Objectives

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Identify and describe the basic structure of a variety of common flowering plants, including trees.

Observe and describe how seeds and bulbs grow into mature plants.

Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Seasonal changes (spring)

Jane Colden lived in America hundreds of years ago. A botanist is a scientist who studies plants. Jane kept extensive notebooks with detailed drawings and notes of every plant she studied. She soon gained an excellent reputation among other botanists.



Plants we eat

Fruits, vegetables, and herbs are all parts of a plant that we can eat. Some come from the roots, like carrots, and others grow on the stem or leaves, like apples and basil.



Scientific Terminology

Deciduous - trees that **lose** their leaves in the autumn

Evergreen- trees and bushes that **do not lose** their leaves in autumn or winter

Healthy plant- means it's growing well, has bright green leaves, strong stems, and is getting the right amount of water, light, and warmth.

Leaves- are the flat, green parts of a plant attached to the stem or branches.



Petals- the colourful, often bright, parts of a flower that surround the centre.



Roots- grow underground, holding the plant in the soil and helping it get water and nutrients from the soil.



Stem- it grows above the ground, holding the plant up and carrying water and nutrients to the leaves, flowers, and fruits.



Questions

- 1) True or false? Plants are not living things.
- 2) What three things do plants need to be able to grow and be healthy?
- 3) Name a variety of common wild and garden plants
- 4) How is a deciduous tree different to an evergreen tree in the winter?
- 5) Name three common flowering plants.
- 6) Describe the basic structure of a common plant- petals, leaves, stem and roots.
- 7) Name two different plants that we can eat.

