



# 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.

