

Science Key Vocabulary:

branch	A part of a tree which grows out from the trunk or from a bough.
bulbs	Rounded underground storage found in some plants made up of a short stem surrounded by fleshy scale leaves or leaf bases. Is dormant over winter.
conditions	A situation that must exist before something else is possible.
crops	A cultivated plant that is grown on a large scale.
farms	An area of land and its buildings, used for growing crops and rearing animals.
flower	The seed-bearing part of a plant.
flowering	A plant when in bloom.
food	Any nutritious substance that people or animals eat or drink or that plants absorb in
fruit	The fleshy product of a tree or other plant that contains seed and can be eaten as
grow	Undergo natural changes by increasing in size and changing physically.
harvest	The process of gathering in crops.
leaf	A flattened part of a plant, usually green and blade-like, that is attached to a stem
nutrients	A substance that provides things that are essential for life growth.
petals	A petal is a coloured part of a flower.
plant	A living thing that grows in earth, in water, or on other plants .
roots	A root is a part of a plant that is usually hidden underground. They hold the plant in the ground and keep it upright. They take water and food from the soil.
seed	A seed is the part of a seed plant which can grow into a new plant.
soil	Soil is the loose upper layer of the Earth's surface where plants grow.
stem	The stem is the main structure that supports leaves and flowers.
sunlight	Light from the sun. <i>Temperature</i> is a degree of hotness or coldness the can be measured using a
temperature	thermometer.
trunk	The main stem of a tree ; usually covered with bark.
vegetables	Vegetables are the leaves, stems, roots, or other parts of certain plants that people
warmth	Having or giving out <i>heat</i> to a moderate or adequate degree.
water	Colourless, transparent, odourless liquid that forms the seas, lakes, rivers, and rain .
weeds	A plant that grows where not wanted and stops the growth of more desirable

National Curriculum POS:

Plants

Growth and Green Fingers

Plants Key Questions

- How do plants change?
- Is it a plant? How do we know?
- Can we name the different parts of a plant?
- Are all plants the same?
- Is a tree a plant?
- How many different plants can we find/name?
- What is a fruit?
- What is a vegetable?
- What do plants need in order to grow well?
- Are all leaves the same?
- Can you draw a leaf?
- Are leaves always green?
- Which parts of a plant can we eat?
- Is it a fruit or a vegetable?
- Are all roots the same?
- How many colours can you find in nature?

Visits/Visitors/Experiences:

- Growing Plants.
- Identifying common trees and plants in the locality.
- Investigating what plants need to grow.
- Making observations of fruits and vegetables.

Plants NC Objectives

Year 1

- 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.

Year 2

- 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.

Working Scientifically Skills

- Ask simple questions and recognise that they can be answered in different ways
- Observe closely, using simple equipment
- Performing simple testing
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions

