

Science Key Vocabulary:

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.
temperature	<i>Temperature</i> is a degree of hotness or coldness the can be measured using a
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
Animals including Humans

Visits/Visitors/Experiences:

- Observe how seeds and bulbs grow.
- Find out and describe what plants needs to grow well.
- Describe the importance of humans eating the right foods.

The Farm Shop



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.
- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

Plants and Humans Key Questions

- Where do seeds come from?
- How do we keep plants healthy?
- Do all fruits contain the same amount of seeds?
- Are all seeds the same?
- Which is the biggest seed you can find?
- What is the smallest seed?
- Where are the seeds in a strawberry?
- Do pumpkins have more seeds than peppers?
- Do larger peppers have more seeds than smaller peppers?
- Where on the seed do you think a plant will grow from?
- Which part of the plant do you think will grow first?
- Is it always the same thing that grow form the seed first?
- Do all plants grow at the same rate?
- What foods do humans need to grow well?

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