

Science: Plants

Key concepts:

What grows around us? What different kinds of plants are there?
We will be looking at wild and garden plants, identifying their features and structure.

Plants

- trees
- bushes/shrubs
- grass
- flowering plants

We will be identifying a range of plants that grow in our gardens, around our school and in our local area. We will be looking at the different parts of each plants, noticing similarities and differences.

Think like a scientist:

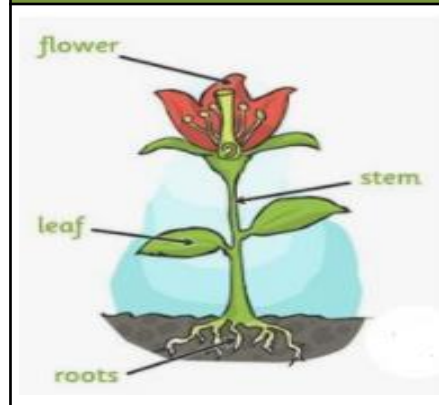
Do trees look the same all year round?

We will be observing the changes in the trees around us in different seasons and classifying them as deciduous or evergreen.

Key Vocabulary

Tree (noun)	Bare (adjective)
wild (adjective)	garden (noun, adjective)
deciduous (adjective)	evergreen (adjective)
trunk (noun)	branch (noun)
leaf (noun)	root (noun)
flower (noun)	petal (noun)
stem (noun)	seed (noun)
fruit (noun)	bulb (noun)

Parts of a Flowering Plant



Deciduous Trees



Key People

Beatrix Potter



Beatrix Potter is a famous British author and scientist. She spent many years researching wild plants and making very detailed drawings of them.

Monty Don



Monty Don is a British broadcaster who has presented Gardeners World for many years. He is an expert on looking after garden plants and has written books to help others with their gardens.

Scientific Method

Ask a Question

Gather Information
Observe – look, listen, taste, touch, smell
Read. Ask an Expert.

Form a Hypothesis
Guess the answer.

Test the Hypothesis
Do an experiment to see if you're right.

Share the Results
Tell other people what you learned.

“Science is simply the word we use to describe the method of organising our curiosity.” – Tim Minchin

1609: The moon is observed for the first time by Galileo using a telescope

1687: Newton discovers the law of gravity and motion

1751: Benjamin Franklin establishes that lightning is electrical (kite).

1859: Charles Darwin publishes Theory of Evolution

1905: Albert Einstein's theory of relativity $E=MC^2$

1927: Lemaître produces the Big Bang theory

1969: The moon is walked on for the first time by Neil Armstrong

1997: Dolly the sheep is cloned by the Roslin Institute