







Topic: Science – Plants

Term: Spring 2

Year: Unit 2 years 1 & 2

Duration: 6 weeks

The Powerful Knowledge we will take away from this Learning Enquiry (what will be learning):

	Understand that plants are alive
 observing	Describe and identify plants roots
	Describe and identify flowers
	Describe and identify tree trunks
	Identify trees by their leaves
	Describe the basic structure of common plants

Our Key Vocabulary:

Word	Meaning
deciduous	a tree <u>shedding</u> its leaves annually.
evergreen	a plant that <u>retains</u> green leaves throughout the year.
weeds	a wild plant growing where it is not wanted and in competition with <u>cultivated</u> plants.
roots	the part of a plant which <u>attaches</u> it to the ground or to a support, typically underground, <u>conveying</u> water and <u>nourishment</u> to the rest of the plant via numerous branches and fibres
stem	the main body or stalk of a plant or <u>shrub</u> , typically rising above ground
flower	the seed-bearing part of a plant, consisting of reproductive organs that are typically surrounded by a brightly coloured corolla (petals) and a green calyx (<u>sepals</u>).
leaf	a <u>flattened</u> structure of a higher plant, typically green and blade-like, that is attached to a stem directly or via a stalk.
trunk	the main <u>woody</u> stem of a tree as distinct from its branches and roots.

Key scientists

Barbara McClintock (1902 – 1992)

Joseph Banks (1743 – 1820)

Gregor Mendel (1822 -1884)

Carl Linnaeus (1707 – 1778)

George Forrest (1873 – 1932)

What I already know:

In Foundation stage, the children:

- ☐ Planted seeds and cared for growing plants.
- ☐ Understood the key features of the life cycle of a plant.
- ☐ Began to understand the need to respect and care for the natural environment and all living things.
- ☐ Explored the natural world around them, making observations and drawing pictures of plants.

Books and websites for further research:

You can find many different books about plants online, or at the library. This website has a list of recommendations, but there are many more out there.

Children's Books: Growing Plants (booksfortopics.com)

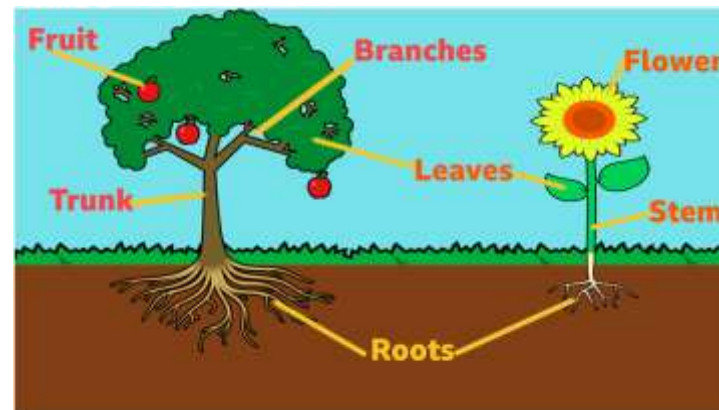
Websites

Plants - KS1 Science - BBC Bitesize

Know the names - Do a little research and find out the names of some of the plants growing around your home. The following website is useful to help you work out which plants you have www.shootgardening.co.uk/plant/identify

Conservation note:

In Britain it is illegal to dig up wild plants and to pick some wildflowers. Removing any plant or part of a plant without a landowner's permission is illegal.



The basic structure of plants.