

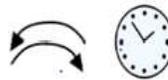
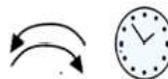
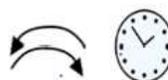
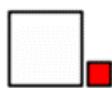
Topic: Science – Plants

Term: Summer 1

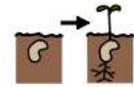
Year: Unit 2 years 1 & 2

Duration: 6 weeks

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

 observing	I can sort and describe different seeds
 asking questions	I know what bulbs need to grow healthily
Change over time 	I can test to see if seeds need water to grow
Change over time 	I can investigate whether seeds all germinate in the same way
Change over time 	I can test to see if plants need light to grow
	I know what a plant needs to grow

Our Key Vocabulary:

Word		Meaning
seed		the unit of reproduction of a <u>flowering</u> plant, capable of developing into another such plant.
germinate		When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination.
bulb		a rounded underground storage organ present in some plants
shoot		A shoot grows upwards from the seed or plant to find sunlight.

What I already know:

In Year 1, the children will

- Identify and name a variety of common plants, including garden plants, wild plants and trees, and those classified as deciduous and evergreen.
- Identify and describe the basic structure of a variety of common plants including roots, stem/trunk, leaves and flowers.

### Key scientists

Barbara McClintock (1902 – 1992)

Joseph Banks (1743 – 1820)

Gregor Mendel (1822 -1884)

Carl Linnaeus (1707 – 1778)

George Forrester (1873 – 1932)



### 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](http://www.shootgardening.co.uk/plant/identify)

### Conservation note:

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

