Coley Primary School – Knowledge Organiser

SUBJECT FOCUS: Biology Strand	Science: Plants	YEAR 1	TERM 5

WHAT? – Key Knowledge

- 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.
- Use scientific language: say, read and spell scientific vocabulary

Did you know…	
Roots	Roots take in water and nutrients from the soil.
Stem	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.
Leaves	Leaves catch sunlight to make energy.
Petal	Petals are the colourful part of the flower
Flowers	Flowers attract insects and birds.
Fruits	Fruit contains the plant's seeds. Sometimes humans try to grow fruit without seeds because it's easier to eat.
Seed	Seeds grow into new plants.
Bulb	Bulbs grow into new plants.

Common plants	
Wild plants	A wild plant seed grows where it falls. It doesn't need to be planted or cared for as it grows.
Garden plants	Garden plants are plants that people choose to grow in their garden.
Deciduous	A deciduous trees loses it leaves each year.
Evergreen	An evergreen tree keeps its green leaves all year round, even in winter.

Working Scientifically Challenge:

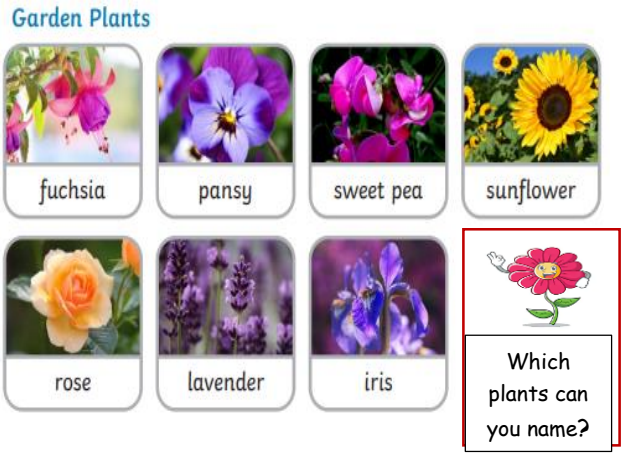
Can they sort some plants by size?
Compare deciduous and evergreen trees.

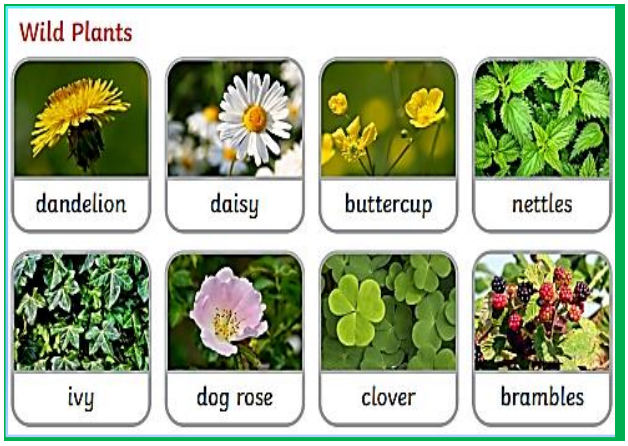
I wonder…

- Can you sort some plants by those that can be eaten and those that cannot?
- Can they name the main parts of a flowing plant?

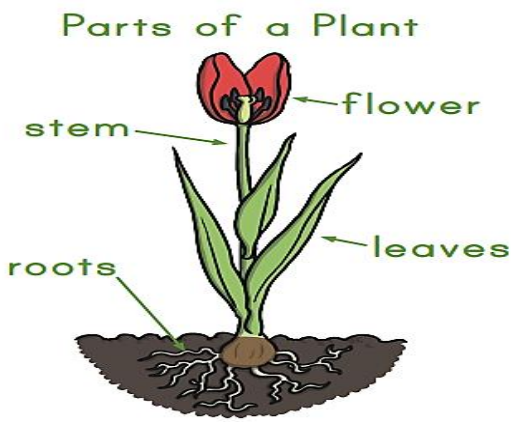
WHAT? – Key vocabulary

- **Garden, magnifying glass, trees**
- **Weeds** =They are wild plants that grow in places where people don't want them.





Diagrams and symbols



Possible experiences: Curious minds…

- **Visit a garden/ park**. Spot and name the common flowers.
- **I spy plants:** examine the plants and flowers with a magnifying glasses.
- **Read** '*Plants (Amazing Science)*' by Sally Hewitt