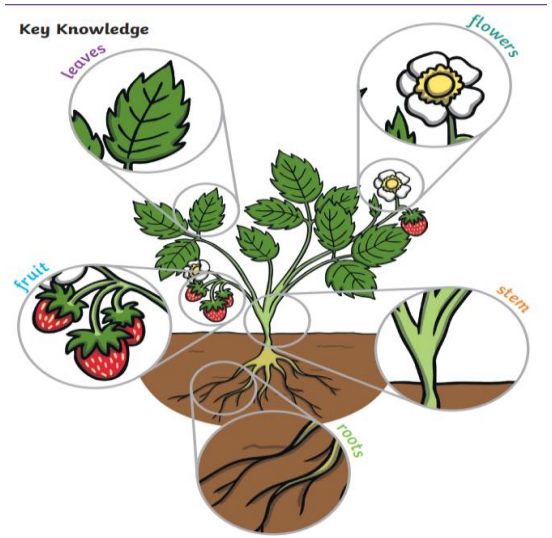
CBS Knowledge Organiser

Year: 1

Science – Plants
Are plants alive?

What I already know

- Children will be able to name some parts of a plant e.g. flower, leaves.
- Children may have experience of planting their own plants.
- Children will be able to name some flowers.
- Children may be able to name some trees.



roots	Roots take in water and nutrients from the soil and keep the plant in the ground.
stem	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.
Leaf/leaves	Leaves catch sunlight to help the plant to make its own food.
flower	The bloom or blossom of the plant that produces seeds. Flowers attract insects and birds.
petals	Petals are the colourful part of the flower.
seed	Seeds grow into new plants.
bulb	The underground bud or stem that of a seed plant at resting stage.
fruit	A part of a flowering plant that contains seeds.
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 gardens.
deciduous	A deciduous tree loses its leaves each year.
evergreen	An evergreen tree keeps its green leaves all year round, even in the winter.
weed	A plant that grows where it is not wanted.

New Knowledge/Facts

- There are 5 main parts to a plant – the root, stem, leaves, flowers and fruit and they each have a specific job.
- There are 2 different plant groups – wild and garden.
- We can identify trees into 2 groups by looking at their leaves – deciduous and evergreen.
- There are 7 key parts to a tree – leaves, fruit, blossom, roots, branches, trunk and bark.
- Some plants grow fruit or vegetables.





Overview of unit:

Children will begin the unit by first planting their own seed, they will then revisit their seed each week, making observations throughout the unit. Whilst looking after their seeds, children will also name and compare the parts of a plant, as well as identify and name some common garden and wild plants. Also, children will identify and name common trees, as well as common fruit and vegetable plants. At the end of the unit, children will be able to name and compare both common plants and trees.