

St Luke's Knowledge Organiser

Year 1 - Plants



What I should already know

- Children should understand that plants can grow.

Sticky Knowledge

- ◆ **Plants** are living things that need **water, air** and **sun-light** to grow.
- ◆ Plants make **seeds** which grow into new plants.
- ◆ **Flowering plants** can be grown in **gardens**. They have features that people find appealing e.g. how easy it is to grow and their colour.
- ◆ A **wild** plant will grow by itself. It does not need to be cared for.
- ◆ **Deciduous** trees lose their leaves in the autumn every year. **Evergreen** trees have green leaves all year round.

Working Scientifically

- Plant a bean or a seed and watch it grow. Record your observations .
- Go on a wild plant hunt. Create a tally chart to show how many of each plant you have found and then use the information to answer questions.
- Plant some garden plants, care for them and watch them grow.
- Go on a tree hunt - what types of trees can you see? Collect fallen leaves and identify which tree they came from using pictures to help you. Sort the leaves between deciduous and evergreen trees.
- Label the parts of a plant showing where the leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, and stems are.

flower	The part of a plant which is often brightly coloured and grows at the end of a stem
trunk	The large main stem from which the branches grow
branches	Parts that grow out from the tree trunk and have leaves, flowers, or fruit growing on them

Vocabulary

plant	A living thing that grows in the earth and has a stem, leaves, and roots .
seed	The small, hard part from which a new plant grows .
garden	A piece of land next to a house, with flowers, vegetables, other plants, and often grass .
wild	Animals or plants that live or grow in natural surroundings and are not looked after by people
common	Something that is found in large numbers or it happens often
tree	A tall plant that has a hard trunk, branches, and leaves
deciduous	A tree that loses its leaves in the autumn every year
evergreen	A tree or bush which has green leaves all the year round
roots	The parts of a plant that grow under the ground
leaf / leaves	The parts of a tree or plant that are flat, thin, and usually green
petal	Thin coloured or white parts which form part of the flower
stem	The thin, upright part of a plant on which the flowers and leaves grow