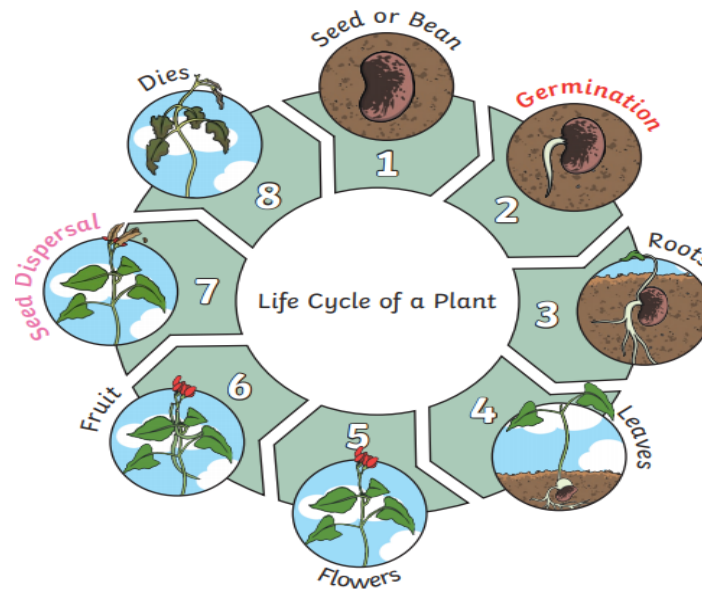




Year 2 - Plants

What I should already know

- Sticky knowledge from Year 1
- Plants are living things that need water, air and sunlight 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.



Sticky Knowledge

- ◆ Plants can grow from seeds or bulbs. A bulb contains everything a plant needs to grow. The bulb help plants that need to survive the winter in the cold ground in order to flower in the spring.
- ◆ Fruits rarely stay with the plant they grew on. The seeds are dispersed to different places.
- Seeds can be dispersed by the wind, animals, water or through explosive methods.
- A seed will not germinate until the conditions are right for growing. Seeds need water, warmth, sunlight, and food for a healthy growth.

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.
tree	A tall plant that has a hard trunk, branches, and leaves
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
flower	The part of a plant which is often brightly coloured and grows at the end of a stem
stem	The thin, upright part of a plant on which the flowers and leaves grow
germination	The seed soaks up water and swells, a tiny new plant bursts out of its shell.
sprout	When a plant sprouts, it grows new shoots.
shoot	Shoot grows upwards from the seed to find sunlight.
seed dispersal	When seeds move away from the parent plant. They can be moved away by animals or wind.
nutrition	All plants need sunlight to grow in addition to water. Plants make their own food from sunlight

Working Scientifically

- Plant a bean or a seed and watch it grow. Record your observations in a diary.
- Identify plants that have grown from a seed or a bulb. Explain how they have changed over time.
- Plant some garden plants, care for them and watch them grow