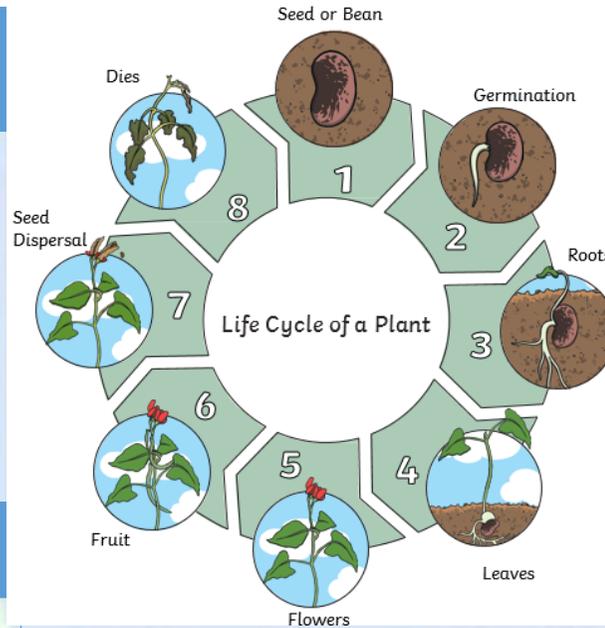
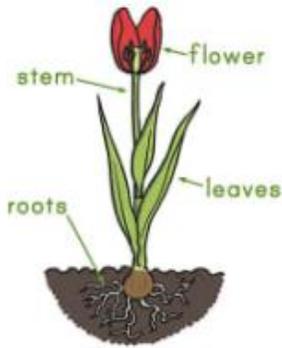




What knowledge do I already have?

Plants grow from seeds
 Flowers have roots, a stem, petals and leaves
 Flowers come in different sizes and colours



Technical vocabulary

germination	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 .
shoot	A shoot grows upwards from the seed or plant to find sunlight .
sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight . Some plants only need a little sunlight .
water	All plants need water to grow. Without water , seeds and bulbs will not germinate .
temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures .
nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight .
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.
flowers	Flowers attract insects and birds.
petals	Petals are the colourful part of the flower .
fruit	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.

What will I know by the end of the unit?

Plants need the right amount of water and light to be able to grow and be healthy.
 Plants need to grow at a suitable temperature.
 Plants make their own food from sunlight.
 The stages of a flowers growth are bulb/seed, seedling, plant, flowering plant, seed producing plant, decaying plant

I will be able to identify and name the different parts of a tree: roots, stem, leaves, fruit, seed

I will be able to identify and name the different parts of a flower: roots, stem, leaves, petals, seed

I will know the different jobs carried out by each part of a flower or tree

Values

Challenge	What do plants need to grow and be healthy?
Commit	How can we care for our own cress seeds?
Conquer	If our seeds don't' grow as well as we hoped, what can we do?
Celebrate	What shall we do with the plants we grow?