

Biology – What is a Plant?

Prior Learning

There are many differences between plants eg not all plants have flowers, and there are different shaped leaves

Describe the purpose of the roots, trunk, branches and leaves of a tree.

Plants require regular watering to keep them healthy

Describe the purpose of the basic structure of a variety of common flowering plants

Concepts

Observation – looking closely and recording what is seen.

Prediction - A sensible guess based on information you already know.

Investigation – A systematic (in order) action to find out about something

Key Vocabulary

plant plants are a large group of living things that use sunlight to make their own food

grow to get bigger

germination when a seed or bulb starts to grow into a plant.

measure To find the length, mass, volume, temperature or size of something using the correct equipment.

Magnifying glass A piece of equipment used to see close up

ruler A piece of equipment used to measure length

bulb and seed plants grow from seeds and bulbs. they do not need sunlight in order to grow. they already have their own food store inside them. They will need some water.

Key Facts

Plants often start life as a bulb or seed.

Bulbs and seeds don't need light to germinate BUT the seedlings do need light to stay healthy.

Bulbs and seeds need water to germinate.

Images, icons and maps.

Plants can grow from seeds or bulbs

Seeds eg runner beans



Bulbs eg. daffodils



Seeds and bulbs germinate and grow into seedlings



Seedlings then grow into mature plants. Seedlings need water and light to grow.

