

Plants

Year 1 and 2 Spring 2 and Summer 1

Science

Useful websites

<https://www.bbc.co.uk/programmes/poopyhfg>

Sticky knowledge



Jane Colden was a botanist who classified plants in America.

What parts do a flowering plant have?

Flowering plants have roots, a stem, leaves and petals.

Can you describe the parts of a tree?

Trees have roots, a trunk, branches and leaves. Many trees have blossom or fruit.

What is different about bulbs or seeds?

Seeds can be found inside the fruit or on the outside of the fruit. • Bulbs store food for plants to use when they grow again.

Why do plants need water and light? Plants need water to grow and stay healthy. • Plants need light to grow and stay healthy. • If plants do not have water and light, they may become weak and will not grow properly.

What things do plants need to survive?

They need water, nutrients from the soil, oxygen, sunlight, space and the correct temperature to grow.

Can you describe the lifecycle of a runner bean? 1, bean seed sprouts, 2, shoot grows, 3 flowers, 4, bean pods grow 5, seeds can be replanted.

Key vocabulary

- **plant** - a living thing that usually grows in soil
- **flower** - the part of a plant that blooms
- **fruit** - a part of a plant that contains seeds
- **vegetable** - a part of a plant that can be eaten as food, such as a stem, root or leaf
- **herb** - a plant that can be used to flavour food

- **bulb** - a part of a plant which stores food and is found underground



- **seed** - a part of a plant that can grow into a new plant



- **shoot** - a part of a young plant which grows above the ground



- **roots** - part of a plant that holds the plant in the ground



- **sunlight** - the light from the Sun



- **temperature** - a measure of how hot or cold something is



- **growth** - when a living thing gets bigger



Key Vocabulary

Vocabulary	Definition
plant	a living thing that usually grows in soil
flower	The part of the plant that blossoms
fruit	Part of the plant that contains seeds
vegetable	Part of the plant that can be eaten as food such stem, root or leaf.
herb	Plant that can be used to flavour food
Independent variable	What we will change
Dependent variable	What will be measured
Controlled variable	What will be kept the same
seed	A part of a plant that grows into a new plant