

What I have learnt already

1	Plants	Parts of a plant: roots, stem, leaves, petals, flower (Y1)
2	Trees	Parts of a tree: roots, trunk, branches, leaves, buds, blossom, fruit (Y1)
3	Trees	deciduous and evergreen trees (Y1)

Facts I need to learn now

1	Plants come from:	Seeds and bulbs that grow into different plants.
2	Plants need:	Water, light and heat to grow and stay healthy.
3	Life cycle of a seed	Seeds are planted, become plants, die and then seeds can be collected and the cycle starts again.
4	Healthy plants	How to repot a plant, stake a plant, protect from frost.
5	Different plants	Grow a bean and a sunflower.

**Life Cycle of a Bean Plant**

- The farmer makes seeds.
- The seeds are scattered—ready to grow.
- The seed absorbs water.
- The root pushes through the seed coat.
- The seedling (new plant) grows out of the ground.
- The stem and its leaves grow toward the sunlight. The leaves make food for the plant.

The sun provides **heat** and **light**. The plant also needs **water** and **nutrients** from the soil to help it grow.

Vocabulary (Words I need to know)

1	seed	The part of a plant that can grow into another plant.
2	bulb	A round shape underground bud from which a new plant grows
3	plant	A living thing that grows in the ground with roots, a stem and leaves.
	mature	Fully grown.
	healthy	Staying live
	life cycle	A series of changes returning to the start.
	re-pot	Put a plant in another bigger pot to give roots space.
	soil	Is a material good for growing plants in.
	nutrients	The good things that a plant needs to grow.

What I will learn next

1	Water	How is water transported in plants (Y3)
2	Seeds	Pollination seed dispersal and seed dispersal (Y3)
3	Function	The function of different parts of the plant and variation. (Y3)

