

KS1 year 2 Biology – Plants



Key question – Do flowers need bees to survive?

Vocabulary	Meaning
plant	A plant is a living thing that grows in the earth and has a stem, leaves, and roots.
grow	(of a living thing) undergo natural development by increasing in size and changing physically.
Change	To make different, alter or modify.
seed	A seed is the part of a seed plant which can grow into a new plant . It is a reproductive structure which disperses, and can survive for some time.
light	A natural agent that stimulates sight and makes things visible.
germinate	The process by which a plant grows from a seed.
soil	The upper layer of earth in which plants grow a black or dark brown material typically consisting of a mixture of organic remains, clay, and rock particles.
Measure	To find out the size, amount or degrees of something.
Bulb	A bulb is the part of some plants, mostly under the dirt, that stores food while the plant is resting from growing (a storage organ).
Temperature	The degree or intensity of heat present in a substance or object.
Healthy	In a good condition.
Mature	Fully grown

Lesson 1 LO: To observe closely using simple equipment by recording observations of a variety of plants in the local environment.	What is observation? Do flowers need bees to survive?
Lesson 2 LO: To observe and describe how seeds and bulbs grow into mature plants by planting seeds and bulbs.	Who is David Bellamy? What is the difference between seeds and bulbs?
Lesson 3 LO: To work scientifically to conduct an experiment.	What do plants need to grow? What are variables?
Lesson 4 LO: To understand the process of photosynthesis.	What is photosynthesis? Why do plants grow towards light?
Lesson 5 To understand the process of pollination.	What is pollination? What do plants need to grow and be healthy?

Disciplinary knowledge

Observe Describe

Can they describe what plants need to survive?
 Can they observe and describe how seeds and bulbs grow into mature plants?
 Can they find out & describe how plants need water, light and a suitable temperature to grow and stay healthy?
 Challenge
 Can they describe what plants need to survive and link it to where they are found?
 Can they explain that plants grow and reproduce in different ways?