

Bomere and the XI Towns Federation Knowledge Organiser—Science

Topic: - Plants

Class/Year Groups: Year 2

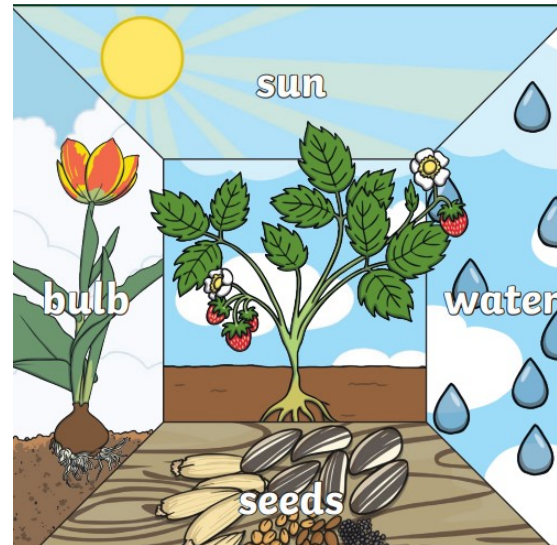
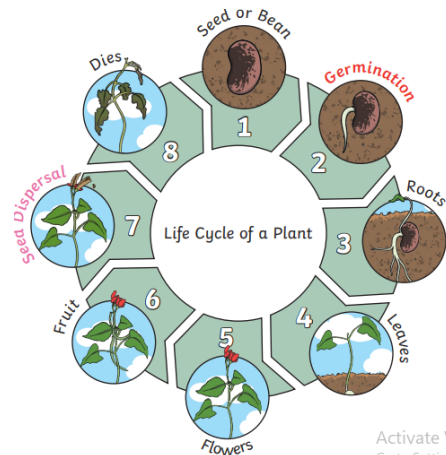
Term: Summer

What you already know?

Pupils will have learned about the basic structure of plants in Year 1 and they will have grown seeds, observing the growth each week. They will have sorted seeds from similar non-organic items and looked inside seeds. They will have been introduced to the notion that seeds

Pupils think about the difference between seeds and other objects and work out what a seed is. They plant beans and monitor them weekly, observing, measuring, sketching and photographing them to provide a record of growth. They investigate the basic needs of plants for healthy growth and explore the way that plants change through the seasons.

What you will learn:



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.
Seed dispersal	Seed dispersal is when seeds move away from the parent plant. They can drop to the ground in the plant's fruit
Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.
Sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a



National Curriculum Objectives:

- To observe and describe how seeds and bulbs grow into mature plants
- To find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

