

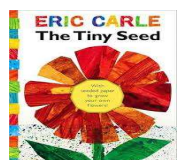
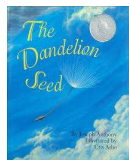


Plants

Year 2 Science Knowledge Mat



Exciting Books



Subject Specific Vocabulary

roots	It is the part of a plant usually hidden under the ground. They keep the plant stable and give it nutrients.
petals	Petals are part of a flowering plant that attracts insects such as bees.
seed	The seed can create another plant.
sunlight	Light from the sun is a form of energy that helps plants to grow.
bulb	Bulbs are underground and help to store food from which plants grow.
stem	The stem is the main part of the plant. It supports the weight of the leaves, flowers or fruits.
oxygen	Oxygen is used by animals and plants in the respiration (breathing) process.
woodland	A woodland is a habitat where trees are the dominant plant form.

Important Bits

- To know the different parts of a flowering plant - root, stem, leaves, petals
- Plants need water, sunlight and warmth to grow healthy - set up an experiment to show this.
- Set up an experiment to observe the changes in plants over time from a seed or a bulb.
- To understand the process of reproduction and growth in plants either by seed dispersal

Sticky Knowledge about Trees and Plants

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
When a plant sprouts it grows new shoots
A shoot grows upwards from the seed or plant to find sunlight
Seed dispersal is when the seeds move away from the parent plant, they can be moved by the wind or animals
Plants make their own food in their leaves using sunlight.
All plants need water and sunlight to grow, without water seeds and bulbs will not germinate

Prior Learning

Reception: Label parts of a plant - stem, leaf, flower and roots and talk about what job they do.

Year 1: Look at deciduous and evergreen trees.