

Science - Y2 – Summer 1

Plants

Famous Scientists

John Ray – One of the first people to classify plants.

Carl Linnaeus – Most famous Botanist.



For a plant to be healthy and grow it needs the right amount of:



Light



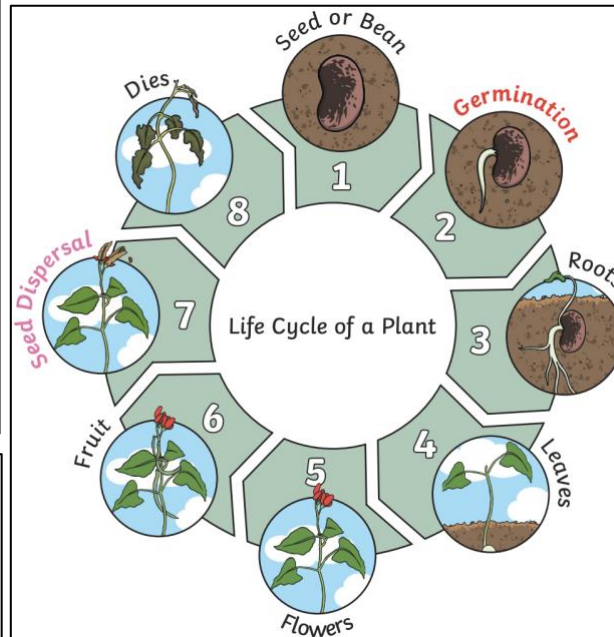
Water



Warmth

Too much or too little of these things could damage the plant.

How can we grow the ingredients for our salad?



Key Vocabulary

Germinate	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.
Seed	A tiny, protective package containing a baby plant and food needed for the plant to start growing when the conditions are right.
Seedling	A young plant that has grown from a seed and has tiny roots and shoots.
Mature	A plant that has grown fully, developed roots, leaves, and can often produce flowers or fruits, which then lead to seeds for new plants.
Sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a little sunlight.
Shade	The opposite of direct sunlight. It's the area where the sun's light is blocked or softened by something, creating a cooler and darker space.
Water	All plants need water to grow. Without water, seeds and bulbs will not germinate.
Temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures.



Roots to grow, wings to fly:
Growing, Flourishing, Soaring