

# Carr Head Primary School - Knowledge Organiser

Science

Plants

Year 2

Spring Term 1

## Key Knowledge

<b>germination</b>	When seeds start to grow, it is called germination.
<b>To germinate, seeds need:</b>	Warmth, Air (oxygen), Water
<b>Seeds don't need light...</b>	This is because they already have a store of food inside them.
<b>What next?</b>	Once the stem breaks through the soil it is then a plant.

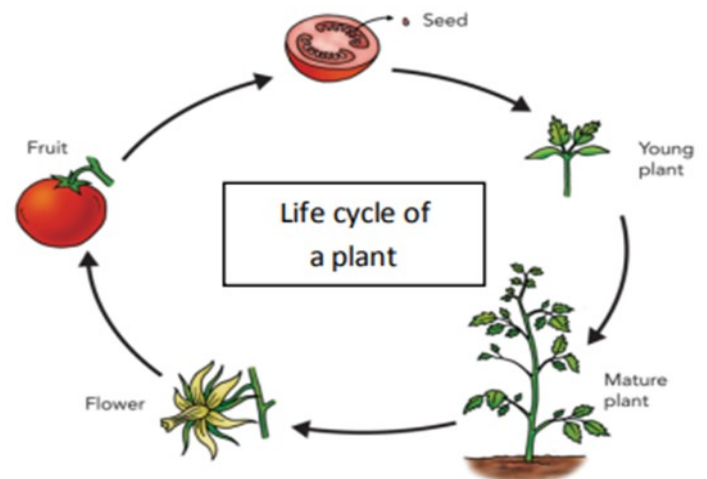
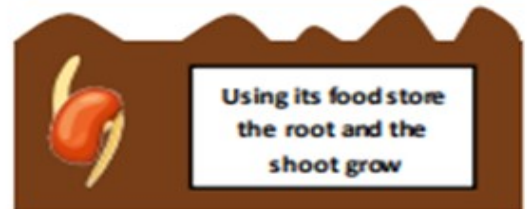
## How plants grow

<b>A plant</b>	A living thing that usually grows from the ground.
<b>The main parts of a plant</b>	Flowers, Leaves, Stem, Roots.
<b>To grow and survive plants need:</b>	Light, Water, Carbon Dioxide. This is so they can make their own food.
	Warmth This is because if plants get too hot or too cold they will die.
<b>What next?</b> <b>(The life cycle of a plant)</b>	<ul style="list-style-type: none"> <li>• The plant grows.</li> <li>• The flower comes and then dies.</li> <li>• A fruit with seeds is left behind.</li> <li>• The seeds get scattered.</li> <li>• The process begins again.</li> </ul>

## Key Vocabulary

Survive	Continue to live or exist
Life Cycle	Continue series of changes showing the life of something
Scattered	Move in various random directions

## Germination



## Know how to...

Working Scientifically

**Observing and recording, with some accuracy**, the growth of a variety of plants as they **change over time** from a seed or bulb, or **observing** similar plants at different stages of growth

**Setting up a comparative test** to show that plants need light and water to stay healthy.