



# KNOWLEDGE ORGANISER: Science Year 2 Block 3

Key vocabulary	
<b>Germination</b>	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.
<b>Shoot</b>	A shoot grows upwards from the seed or plant to find sunlight.
<b>Seed dispersal</b>	Seed dispersal is when the seeds move away from the parent plant. They can drop to the ground or be moved by wind and animals.

Key vocabulary	
<b>What do plants need to grow well?</b>	
<b>Sunlight</b>	All plants need light from the sun to grow. Some plants need lots of sunlight. Some plants need only a little sunlight.
<b>Water</b>	All plants need water to grow. Without water, seeds and bulbs will not germinate.
<b>Temperature</b>	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures.
<b>Nutrition</b>	Food or nourishment. Plants make their own food in their leaves using sunlight.



<u>Our investigation</u>
<b>Where does cress grow best - on the windowsill, in a cupboard or in the fridge?</b>
Our experiment will need to be a fair test. This means that only one thing will change. Each pot of cress will still get water and soil but they may be grown in a different temperature or get a different amount of light.