



Key Vocabulary		Diagram / Visual	'Sticky' Knowledge																				
<p>Glucose</p> <p>A simple sugar which is an important energy source and can be found in carbohydrates.</p>	<table border="1"> <thead> <tr> <th>Nutrient</th> <th>Found in... (examples)</th> <th>What it does/they do</th> </tr> </thead> <tbody> <tr> <td>carbohydrates</td> <td></td> <td>provide energy</td> </tr> <tr> <td>protein</td> <td></td> <td>helps growth and repair</td> </tr> <tr> <td>fibre</td> <td></td> <td>helps you to digest the food that you have eaten</td> </tr> <tr> <td>fats</td> <td></td> <td>provide energy</td> </tr> <tr> <td>vitamins</td> <td></td> <td>keep you healthy</td> </tr> <tr> <td>minerals</td> <td></td> <td>keep you healthy</td> </tr> </tbody> </table>	Nutrient	Found in... (examples)	What it does/they do	carbohydrates		provide energy	protein		helps growth and repair	fibre		helps you to digest the food that you have eaten	fats		provide energy	vitamins		keep you healthy	minerals		keep you healthy	<p>Inside a seed or bulb is the baby plant (an embryo). Seeds have a tough layer on the outside to protect the plant (the seed coat).</p>
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<p>Fructose</p> <p>Is a sugar found in most fruits</p>	<p>Seeds and bulbs do not need sunlight in order to grow. They already have their own food store inside them.</p>																						
<p>Nutrients</p> <p>These substances are needed by living things to grow and survive. Plants get nutrients from the soil and make their own food in their leaves.</p>	<p>However, they do need the right conditions to grow. Normally they need water, air and the right temperature.</p>																						
<p>Hydroponics</p> <p>The process of growing plants in sand, gravel, or liquid, with added nutrients but without soil.</p>																							
<p>Germination</p> <p>When a seed starts to grow. A plant is germinating when its seeds begin to sprout.</p>	<p>Important Facts</p>																						
<p>Pollination</p> <p>The transfer of pollen from a male part of a plant to a female part of a plant to produce seeds.</p>	<p>What Does a Plant Need to Grow?</p> <p>Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.</p>	<p>Life cycle of a plant</p>																					
<p>Seed dispersal</p> <p>is when the seeds move away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.</p>																							