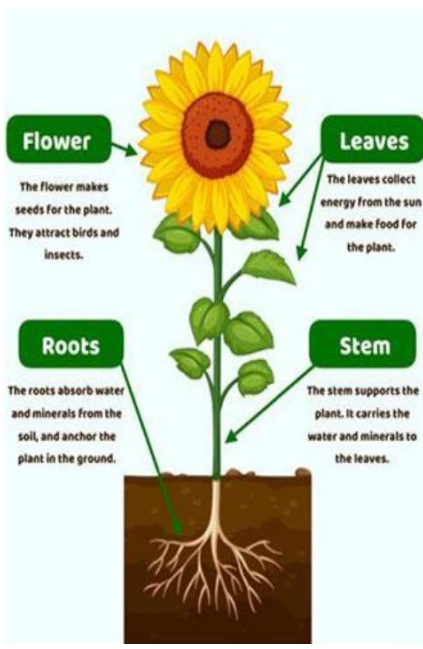



# Young Gardeners: Knowledge Organiser

Subject Specific Vocabulary		Sticky Knowledge about Plants	
<b>root</b>	The part of the plant that grows downward. It gets water from the ground and holds the plant in place.	 	
<b>stem</b>	The part of the plant which grows upward and connects the roots with the leaves and flowers. It carries water and nutrients to the plant.		
<b>leaf</b>	The part of the plant which produces food for the plant. Leaves can be evergreen ( kept all year) or deciduous ( grown each year in the spring and dropped each autumn)		
<b>pollinate</b>	Where pollen is transferred from one plant to another in order to pollinate a plant. When this happens the plant is able to make seeds.		
<b>seed</b>	The part of a plant which can grow into a new plant.		
<b>bulb</b>	The round underground part of some plants which stores energy for the plant to grow.		
<b>germinate</b>	This is when the seed begins to grow. It uses the stored food in the seed to make roots and shoots.		
<b>tuber</b>	The underground part of some plants which are like thickened stems. Plants such as potatoes have tubers.		
<b>nutrients</b>	The food needed by plants which is found in the soil. Plants collect the nutrients through their roots.		
		<p><input type="checkbox"/> Plants have a root, stem, leaves and sometimes flowers. Flowers have petals and they often make nectar to attract insects.</p> <p><input type="checkbox"/> When flowers are pollinated by insects, they make seeds. The seeds then grow into a new plant.</p> <p><input type="checkbox"/> Plants need air, water, light and some warmth to grow ( some plants can grow in very cold conditions but they grow very slowly)</p> <p><input type="checkbox"/> Seeds need water, some warmth and light to grow.</p> <p><input type="checkbox"/> Bulbs store energy in them and help a plant to survive in the winter. They start to grow when it becomes a bit warmer. They send out roots and shoots like a seed. Plants such as onion, garlic, tulip, daffodil, snowdrop and bluebells all have bulbs which stay in the ground all year around</p> <p><input type="checkbox"/> Plants are important to all living animals, without them we would all die. Plants produce the oxygen which we breathe. They produce oxygen in their leaves..</p> <p><input type="checkbox"/> Plants are evergreen or deciduous. Evergreen plants and trees keep their leaves all year round.</p> <p><input type="checkbox"/> Deciduous plants or trees lose their leaves in the autumn and grow fresh leaves in the spring</p>	