
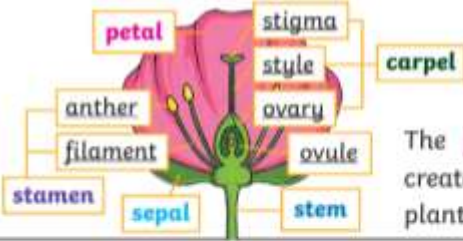

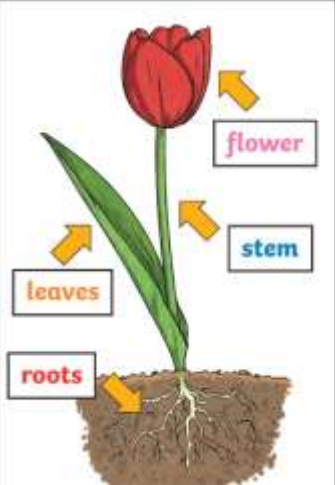
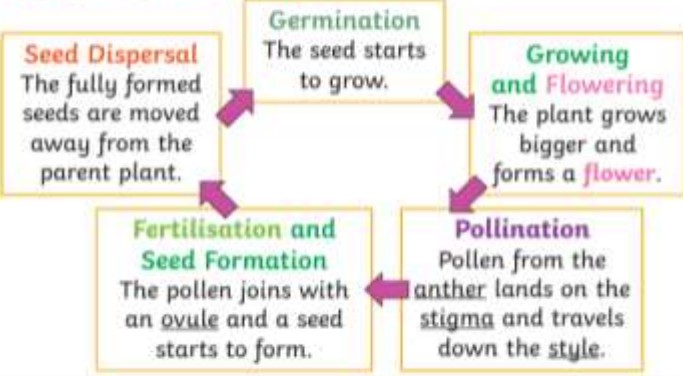

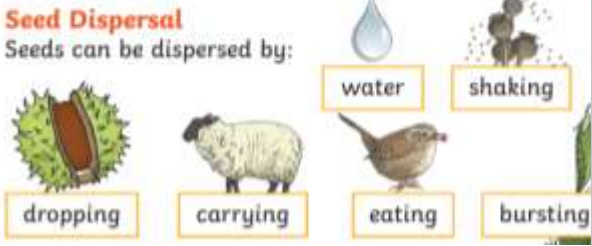






Year 3 - Summer 1 - Plants and their parts - Which part of a plant is most important to its survival?

Key Vocabulary		Prior knowledge	Sticky Knowledge	
Roots 	These anchor the plant into the ground and absorb water and nutrients from the soil.	In Year 2 we: <ul style="list-style-type: none"> - Observed and described how seeds and bulbs grow into mature plants - Found out and described how plants need water, light and a suitable temperature to grow and stay healthy 	 <p>The flower's job is to create seeds so that new plants can be grown.</p>	
Stem 	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.		<h3 style="color: green;">Life Cycle of a Flowering Plant</h3> 	
Leaves 	These make food for the plant using sunlight and carbon dioxide from the air.		Knowledge and Assessment: <ul style="list-style-type: none"> • Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers • Investigate the way in which water is transported within plants • Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. 	<h3 style="color: green;">Seed Dispersal</h3> <p>Seeds can be dispersed by:</p> 
Flowers 	These make seeds to grow into new plants. Their petals attract pollinators to the plant.		<h3 style="color: green;">How Water Moves through a Plant</h3> <ol style="list-style-type: none"> 1. The roots absorb water from the soil. 2. The stem transports water to the leaves. 3. Water evaporates from the leaves. 4. This evaporation causes more water to be sucked up the stem. 	
Pollination 	When pollen (a fine powdery substance produced by a flowering plant) is moved from the male anther of a flower to the female stigma.		Seed dispersal 	
Germination 	When a seed starts to grow.			