



Habitat



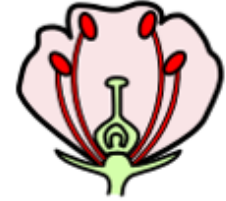
Life Cycle



Flower



Pollen



Stamen



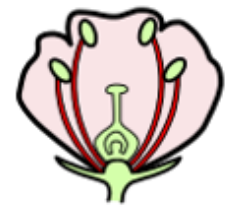
Mammal



# Living Things and their Habitats



Amphibians



Filament



Stigma



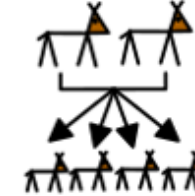
Metamorphose



Embryo



Transformation

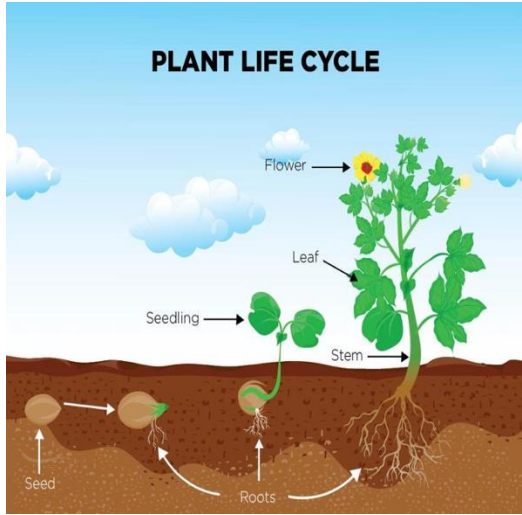
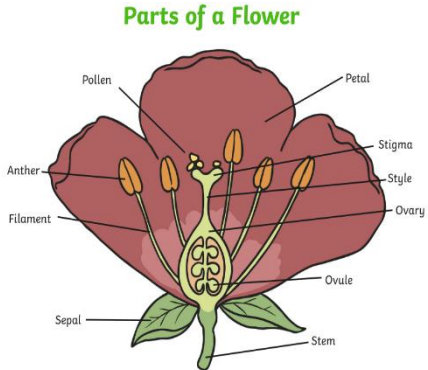


Reproduction



Sepal

# Science: Living things and their habitats - Y5 Topic Vocabulary Mat

Subject Specific Vocabulary		Relevant Pictures	Websites
<b>life cycle</b>	The series of changes in the life of an organism.	 <p><b>PLANT LIFE CYCLE</b></p>	<a href="#">Year 5: Living things and their habitats   STEM</a> <a href="#">Unit - Oak National Academy (thenational.academy)</a>
<b>stamen</b>	The male fertilizing organ of a flower, typically consisting of a pollen		<b>Extra Facts</b>
<b>filament</b>	A slender threadlike object or fibre, especially one found in animal or plant structures.		 <p><b>Parts of a Flower</b></p>
<b>anther</b>	The part of a stamen that contains the pollen.		
<b>stigma</b>	The part of the flower where pollen germinates.		
<b>sepal</b>	The sepal is a leaf -shaped structure found in flowering plants.	What I've learnt already	Key Knowledge
<b>mammal</b>	An animal that breathes air, has a backbone, and grows hair at some point during its life.	<p>Y1</p> <p>I know and can identify a variety of common animals, including fish, amphibians, birds and mammals.</p> <p>Y2</p> <p>Animals have offspring which grow into adults.</p> <p>To survive, animals need sunlight, water, air, food and a suitable habitat.</p> <p>Most living things live in habitats to which they are suited.</p> <p>Some plants are better suited to growing in full sun and some grow better in shade.</p> <p>Y4</p> <p>Organisms are predators and prey, or producers of their own food. This can be shown in a food chain, specific to a habitat.</p> <p>I know and can relate the key adaptational features of an organism to its habitat.</p>	<ul style="list-style-type: none"> <li>Understand the different parts of a flowering plant</li> <li>Describe the differences in life cycles of mammals and amphibians</li> <li>Know the life processes of some plants</li> <li>Understand the pollination process</li> <li>Know that plants reproduce</li> <li>Plants need certain conditions to survive</li> <li>There are different types of metamorphosis: complete and incomplete.</li> </ul>
<b>embryo</b>	An unborn human or animal in the earliest stages of growth when its basic structures are being formed.		
<b>amphibians</b>	The word "amphibian" means <b>two-lives</b> , one in the water and one on land. Amphibians are cold-blooded e.g. fish and reptiles.		
<b>metamorphosis</b>	The process of a sudden change in the form of some animals during transformation from an immature stage (as a caterpillar) to an adult stage (as a butterfly).		