

What? (Key Knowledge)		
Life cycles of animals		
Life Cycle	A life cycle shows how things are born, how they grow and how they reproduce.	
Life cycles of a mammal, insect, bird and an amphibian		
Mammals	<p>In general, female mammals give birth to babies rather than laying eggs, and feed their young with milk.</p> <p>Life cycle</p> <ul style="list-style-type: none"> • Give birth to live young • Grow from babies to adults • Reproduce • Give birth to live young 	
Important	Most mammals give birth to live young, except for the duck-billed platypus and the spiny anteater.	
Insect	<p>An insect is a small animal that has six legs. Most insects have wings.</p> <p>Life Cycle</p> <ul style="list-style-type: none"> • Eggs are laid • Transformation to adult from the egg • Reproduce • Eggs are laid 	
Bird	<p>A bird is a creature with feathers and wings. Female birds lay eggs. Most birds can fly.</p> <p>Life cycle</p> <ul style="list-style-type: none"> • Eggs are laid • Growth to adult from the egg • Reproduce • Eggs are laid 	
Amphibian	<p>Amphibians are animals such as frogs and toads that can live both on land and in water.</p> <p>Life cycle</p> <ul style="list-style-type: none"> • Eggs are laid in water • Growth to an adult • Reproduce • Eggs are laid in water 	

What is reproduction and how does it happen?	
Reproduction	Reproduction is the term used for when living things create other living things (offspring)
Reproduction in plants	
Sexual reproduction (two parents)	When the pollen from one flower joins the egg of the new flower and a seed, or many seeds, are formed.
Asexual reproduction (one parent)	This is when a small part of a plant breaks off and it starts to grow until it is the same size as the plant it came from and this is repeated. (Flowers are not needed)
Reproduction in animals	
Sexual reproduction	Reproduction in animals is most commonly sexual involving two parents.
Asexual reproduction	Some animals are able to reproduce without needing two parents. Reproduction often happens through the division of cells.

Plants	
Plants	
Flowering plants	Flowering plants are made of four groups: grasses, cereals, garden shrubs, deciduous trees
Non-flowering plants	Non-flowering plants are made of three groups: algae, coniferous trees, ferns
Sexual reproduction	Asexual reproduction

