

What should I already know?

- Life cycle of a plant
- Skelton system of mammals
- Classification of some animals
- Classification of some plants

Life Cycles of animals

Mammal	
<ul style="list-style-type: none"> - female gives birth to young - Live young are born - young looks like adult - female provides milk for young 	<p>The diagram shows a circular life cycle for a cat. It starts with a kitten, which grows into an adolescent, then an adult, and finally a senior. Red arrows connect the stages in a clockwise direction.</p>
Insect	
<ul style="list-style-type: none"> - egg laid and then hatch - some grow to adult but most go through metamorphosis to adult 	<p>The diagram shows the life cycle of a butterfly. It starts with an egg, which hatches into a caterpillar (larva). The caterpillar grows and then becomes a pupa. Finally, the pupa emerges as an adult butterfly. The stages are labeled: egg, caterpillar, pupa, and adult.</p>
Amphibian	
<ul style="list-style-type: none"> - eggs laid in water - young go through different form before looking like adult - no parental care 	<p>The diagram shows the life cycle of a frog. It starts with an egg, which hatches into a tadpole. The tadpole grows and then becomes an adult frog. The stages are labeled: egg, tadpole, and adult frog.</p>

Key vocabulary

life cycle	This shows how things are born, how they grow and how they reproduce.
reproduction	As part of their life cycle plants and animals reproduce. There is sexual and asexual reproduction.
fertilise	In animals: When the male sperm reaches the female egg. In plants: When the male pollen reaches the female ovule.
metamorphosis	A major change from one form to another in the life cycle of some animals when they change from young to an adult.
runner	A long stem of a plant that grows along the ground in order to put down roots in a new place.
bulb	A round root of some plants from which the plant grows.
cutting	A piece, such as a roof, stem or leaf cut from a plant and used to grow another plant of the same type.

Significant scientists

David Attenborough

(born 1926)



Sir David is an English broadcaster and naturalist. He made many famous wildlife programmes. He was knighted in 1985.

Lucy Evelyn

Cheesman
(1881-1969)



Lucy Cheesman was a British entomologist (someone who studies insects) and traveller. She collected over 70,000 specimens of insects, plants and other animals.

Bird

- eggs laid in a nest
- young hatches from an egg
- grow to adult
- parental care after hatching

