

Topic:	Living Things and Their Habitats	Year:	5	Term:	Spring 1
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**Key Knowledge**

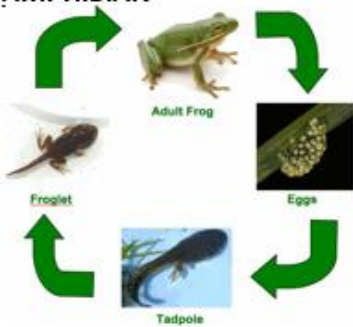
**REPRODUCTION IN ANIMALS**

For most animals which live on the land, **offspring** are **fertilised** inside the mother's body. This happens in 1 of 3 ways:

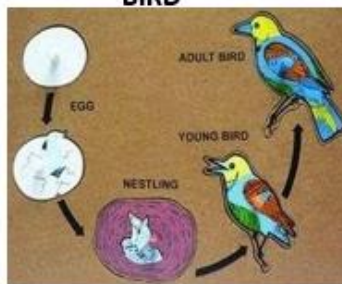
- 1) The young develop inside the female and are born alive (most **mammals**).
- 2) **Fertilised eggs** are laid outside the female's body and develop in the egg getting nourishment from the yolk.
- 3) In some animals the eggs are held within the female and **hatch** as they are laid e.g. a fruit fly.

**EXAMPLE LIFE CYCLES:**

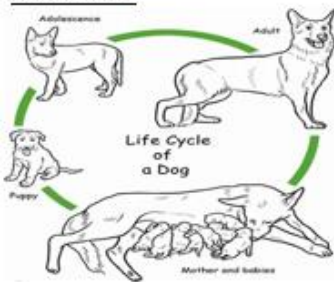
**AMPHIBIAN**



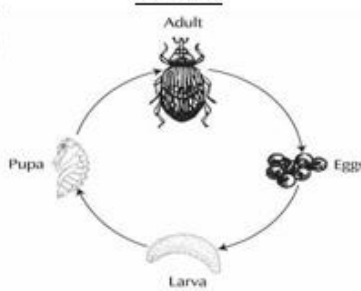
**BIRD**



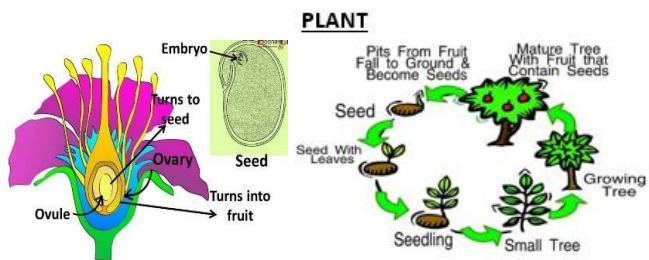
**MAMMAL**



**INSECT**



**REPRODUCTION IN PLANTS**



**Pollen** is carried by insects or blown by the wind from one flower to another. The pollen travels to the **ovary** where **fertilisation** occurs and **seeds** are

**Key Vocabulary**

**Life cycle** - the stages a living thing goes through in its life.

**Reproduction** - the process by which a living organism creates a likeness to itself

**Asexual reproduction** - offspring gets genes from one parent so they are clones of their parents.

**Sexual reproduction** - offspring get genes from both parents so they inherit a mix of features from both.

**Offspring** - a person's child or children or an animal's young.

**Amphibian** - a cold-blooded vertebrate animal e.g. frogs, toads, newts.

**Bird** - a warm-blooded egg-laying vertebrate animal with wings, feathers and a beak.

**Insect** - a small animal that has 6 legs.

**Mammal** - a warm-blooded vertebrate animal which has hair or fur and gives birth to live young. Females secrete milk for their young to feed off.

**Metamorphosis** - an abrupt and obvious change in the structure of an animal's body and their behaviour.



**Scientists**

**David Attenborough** is an English broadcaster, writer, and naturalist. He is best known for his work on educational television programs about the natural world.



**Jane Goodall** is a British ethologist and **conservationist**, famous for her world expertise on chimpanzees, having studied them in the wild for over 60 years.