

RECORD



- Animals can be classified (sorted) into different groups: mammals, reptiles, amphibians, fish, birds or insects.
- You can use a key to identify a living thing or decide which group it belongs to by answering the questions.
- Lifecycles are a way of recording the different stages of an animal's life and development.

CHANGES



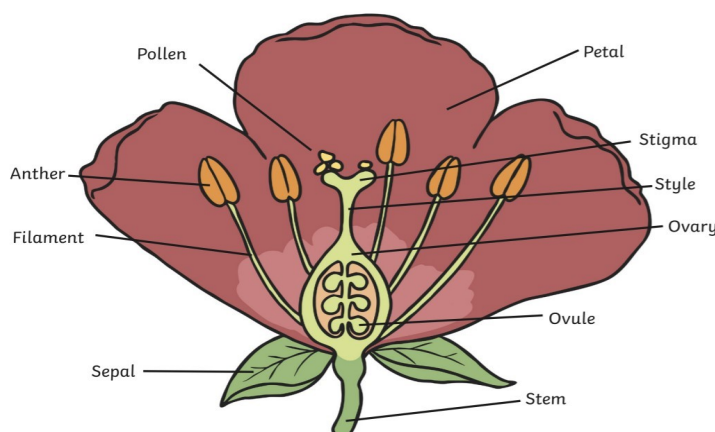
- Some insects undergo metamorphosis. With a metamorphosis, the animal changes from one form to a very different form
- There are 6 stages of growth and development for humans: baby, toddler, child, teenager (or adolescent), adult, elderly. Changes occur during each stage.
- There are physical and other changes that take place during old age.

PROCESSES



- Plants and flowers have parts which have different functions.
- Plants have male and female organs.
- Dissection is the process of separating out the different parts of the flower.

Parts of a Flower



INSPIRATIONAL PEOPLE AND EVENTS



Salim Ali (1896-1987) was one of the greatest ornithologists and naturalists of all time.

- He was also known as the "Birdman of India"
- He was one of the very first scientists to carry out systematic bird surveys in India and abroad.

Vocabulary:

- Ornithologist - a person who studies or is an expert on birds.
- Naturalist - an expert in or student of natural history.
- Systematic - done or acting according to a fixed plan or system; methodical, Logical

Marion Donovan (1917-1998) invented the disposable diaper (nappy)

- Donovan's first breakthrough, in 1946, was to design a waterproof diaper cover.
- Donovan used her sewing machine to design a reusable, leak-proof nappy cover which did not create nappy rash.
- She then designed a disposable, paper nappy.

Key Scientific vocabulary and meanings

Carpel - the name for the female part of the flower. This is made up of the **stigma**, **style** and **ovary**.

Stamen - the name for the male part of the flower. This is made up of the **anther**, **filament** and **pollen**.

Pollination - the transfer of pollen from a male part of a plant to a female part of a plant.

Plant reproduction - the production of new offspring in plants.

***A classification key** - a set of questions about the characteristics of living things.

***Mammals** - have hair or fur, are warm-blooded, feed babies milk, give live birth.

Birds - have feathers and wings, are warm-blooded, lay eggs.

The term '**metamorphosis**' refers to a change that an animal goes through as it grows older. The change has to be significant, or big.

Insects - hatch from eggs, some look like their parents and shed skin as they grow, some go through metamorphosis.