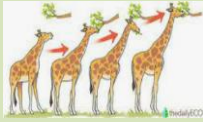


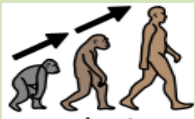
Key vocabulary

Adaptive traits



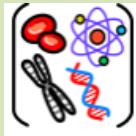
Characteristics that are influenced by the environment the living things live in. These adaptations can develop as a result of many things, such as food and climate..

Evolution



Adaption over a long time.

Genetics



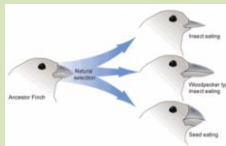
The way physical traits and characteristics get passed down from one generation to the next

Inherited traits



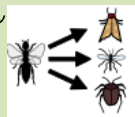
These are traits you get from your parents. Within a family, you will often see similar traits, e.g. curly hair, eye colour.

Natural Selection



The process where organisms that are better adapted to their environment tend to survive and produce more offspring.

Variations

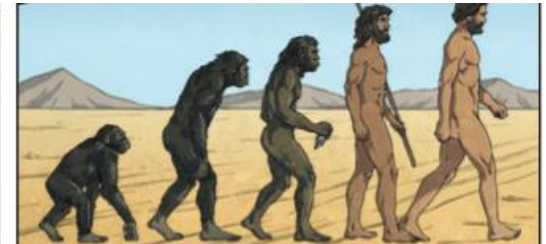


The differences between individuals within a species.

Year 6 Spring 2 - Evolution and inheritance



Fossils are the preserved remains, or partial remains, of ancient animals and plants. **Fossils** let scientists know how plants and animals used to look millions of years ago. This is proof that living things have **evolved** over time.



Evolution is the gradual process by which different kinds of living organism have developed from earlier forms over millions of years. Scientists have proof that living things are continuously **evolving** - even today!



Offspring

Animals and plants produce **offspring** that are similar but not identical to them. **Offspring** often look like their parents because features are passed on.

Variation

In the same way that there is **variation** between parents and their **offspring**, you can see **variation** within any species, even plants.



Living Things	Habitat	Adaptive Traits
polar bear	arctic	Its white fur enables it to camouflage in the snow.
camel	desert	It has wide feet to make it easier to walk in the sand.
cactus	desert	It stores water in its stem.
toucan	rainforest	Its narrow tongue allows it to eat small fruit and insects.

Influential Individual

Charles Darwin 1809-1882

Charles Darwin was an English naturalist, geologist and biologist, widely known for his contributions to evolutionary biology.

