



Science: Evolution and Inheritance



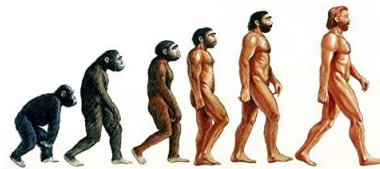
offspring	the young or babies produced by an animal or plant	sexual reproduction	when a new living thing is made using genetic information from two parents	characteristics	features or qualities that make a living thing what it is
inherit	to receive characteristics from your parents	theory	an explanation supported by lots of evidence	adaption	a feature that helps a living thing survive
vary	to be different from one another	evolve	To change over many generations	acquire	to gain or develop something

Fossils let scientists know how plant and animals used to look millions of years ago. This is proof that living things have **evolved** over time.



Sticky Knowledge

Scientists have proof that living things are continuously **evolving** - even today!



Animals and plants produce **offspring** that are similar but not identical to themselves. **Offspring** often look like their parents because **characteristics** are **inherited**.



Characteristics that are passed on can be influenced by the environment that things live in.

These **adaptations** can be influenced by many things, such as food and climate.

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.

Charles Darwin (1809 - 1882) was a pioneer in his field, he developed the theory of **evolution** based on **natural selection**.

