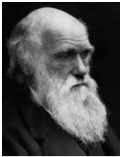




## KEY PEOPLE



### Charles Darwin

Charles is well known as he was a biologist who created the theory of evolution. He said that all different species have evolved from simple life forms: including the theory that humans evolved from apes!



### Alfred Wallace

Alfred Russel Wallace co-published the theory of evolution by natural selection with Charles Darwin. Alfred Wallace was a naturalist (someone who studies animals and plants). He lived in England in the 1800s but travelled around the world. Wallace's ideas were very important in developing how we think about nature today.

## KEY VOCABULARY

Adaptation – The process of change so that an organism or species can become better suited to their environment

Breeding – The mating and production of offspring by animals

Environment – The surroundings or conditions in which a person, animal, or plant lives

Evolution – The process by which living things can gradually change over time.

Extinct – having no living members of a species left.

Fossils – the remains or impression of a prehistoric plant or animal embedded in rock and preserved in fossilised form.

Inheritance – The process of passing on features from parents to offspring.

Offspring – A person's child or children/ an animal's young

Palaeontologists – a scientist who studies fossils. Mutations – random changes (which are not inherited from the parents).

Reproduction – The production of offspring by a sexual or asexual process

Selective breeding – The process by which humans use animal breeding and plant breeding to develop selective characteristics by choosing particular animals and plants

Species – A group of living things with very similar characteristics. They can breed together to make more living things of the same type.

Variation – The differences between living things in a species.