

Year Six Science knowledge organiser– How have living things evolved over time?

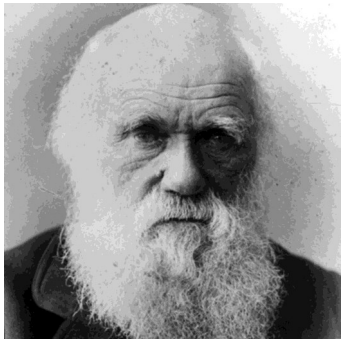
Key vocabulary

Evolution	Adaptation over a long period of time.
Inheritance	When characteristics are passed on to offspring from their parents.
Adaptation	This is a trait or characteristic that changes over time to increase a living things chances of surviving.
Variations	The differences between individuals within a species. E.g. hair , eye, skin colour
Characteristics	Distinguishing features that are specific to a species.
Offspring	An animal or plant produced by the reproduction of that species. E.g. child

Fossils are preserved remains, or partial remains, of ancient animals and plants. Fossils let scientists know what plants and animal used to look like millions of year ago. This is proof that living things have evolved over time.



Charles Darwin



Charles Darwin

Charles Darwin was born on 12th February 1809 in Shrewsbury, England. He sailed to the Galapagos islands and found plants and animals that nobody had ever seen before! He took seeds from the plants to take home with him. He discovered finches and Galapagos tortoises. He thought that, millions of years ago, living things had all started off in the same way and had gradually, very, very slowly, changed. In this way lots of different animals and plants had developed. This idea is called 'evolution'.

Evolution of living things develops over millions of years.



Finch



Galapagos tortoise

