

Science

Year 6 Autumn 1

How do living things change over time?

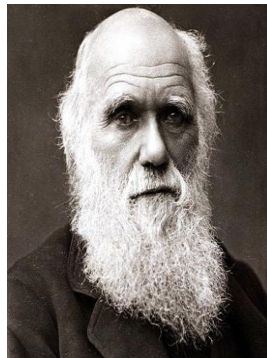
ESSENTIAL VOCABULARY

Evolution	A slow process where living things change over a long time to help them survive in their environment.
Inheritance	The passing of features from parents to their offspring.
Variation	Differences between individuals of the same species, such as height or eye colour.
Adaptation	A special feature or behaviour that helps a living thing survive in its environment.
Fossils	The remains or imprints of ancient plants or animals found in rock, showing what life was like long ago.
Species	A group of living things that can reproduce to have offspring of the same kind.



Scientist

Charles Darwin was a scientist who studied animals and plants from around the world, especially on the Galapagos Islands. He noticed that animals of the same species had differences that helped them survive better in their environments. From his observations, he developed the idea of evolution by natural selection, which explains how living things slowly change over time.



What I will know at the end of the unit.

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| That living things have changed over time and fossils show what life was like millions of years ago. | |
| That living things have offspring that are similar but not exactly the same as their parents. | |
| That animals and plants have special features to help them survive in their environments. | |
| That scientists like Charles Darwin and Alfred Wallace helped us understand how evolution works | |