

Science – Evolution and Inheritance

Key Learning - Lesson 1	
Charles Darwin: are people just another species?	Children should learn: About Charles Darwin and his ideas on natural selection That Charles Darwin's theory of evolution challenged many people's established beliefs To examine and explain a range of contemporary attitudes towards Darwin's ideas To make inferences from several sources and reach a balanced conclusion That living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

Use this link to find out all about Charles Darwin.

<https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/z9qs4qt>

Answer the following questions in your work book:

1. What is evolution?
2. Who was Charles Darwin?
3. How did Charles Darwin change the way people think about animals and nature?
4. What is natural selection?
5. What are fossils and how do they help us to understand about living things from millions of years ago.

Key Learning - Lesson 2	
How are animals and plants adapted to survive in a different habitat?	Children should learn: Name some animals and plants found in the habitat Identify features of animals and plants which make them suited to their habitat eg long legs for wading birds, bladders to make seaweed float Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. To compare how some living things are adapted to survive in extreme conditions,

	To analyse the advantages and disadvantages of specific adaptations, such as being on two feet rather than four, having a long or a short beak, having gills or lungs, tendrils on climbing plants, brightly coloured and scented flowers.
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Use this link to find out about adaptation:

<https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zxg7y4j>

1. What is adaptation?
2. Draw an animal – now annotate it to explain the different features that enable it to survive in its environment.