




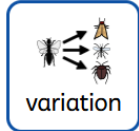
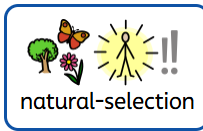
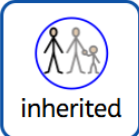
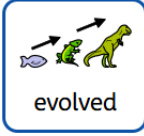


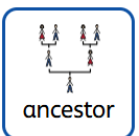



Characteristics and Variation	Charles Darwin, the Galapagos Islands and human evolution
<p>A characteristic describes how something looks or how it behaves. Characteristics can be passed on from parents to their offspring, meaning that they can be inherited. They can include hair colour, eye colour and height. Environmental factors can also affect a person's characteristics</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<div style="text-align: right;">  </div> <p>Charles Darwin was a famous naturalist who studied finches and tortoises on the Galapagos Islands. He suggested that some species may share a common ancestor and evolve to suit their habitats. Those who cannot adapt to their environment become extinct. He called this process natural selection. Humans have also gone through stages of evolution, evolving from primates to Homo sapiens.</p> <div style="text-align: right;">  </div>
Adaptations	Fossils
<p>Plants and animals have numerous adaptations which help them to survive in their habitats.</p> <ul style="list-style-type: none"> • Camels have humps to store food, two rows of eyelashes and small slits for nostrils • Epiphytes are plants which can grow on the surface of another plant • Some plants contain toxic minerals to protect themselves from predators • Other plants can store water, trap insects and smother other plants 	<div style="text-align: center;">  </div> <p>Mary Anning was a palaeontologist who found and collected many fossils along the Jurassic Coast in Dorset. She was the first person to uncover a full ichthyosaurus skeleton. Scientists use fossils to study how a creature has evolved over time by comparing bone structures.</p>

Key Vocabulary			
 <p>variation</p>	the differences in characteristics or traits between living things of the same species	 <p>natural-selection</p>	survival and reproduction of the fittest
 <p>inherited</p>	when characteristics or traits are passed on from parents to offspring	 <p>evolved</p>	how living things gradually changed over time
 <p>adaptation</p>	changes or special features of a living thing to help it live in a habitat	 <p>extinct</p>	a species that is no longer living, having completely vanished from the Earth
 <p>ancestor</p>	someone or something a living thing is related to from a long time ago	 <p>homo sapiens</p>	the scientific name for the human species