



I Can Statement - Year 6

Evolution

Unit/Topic Overview	Pre-taught Vocabulary	
In this topic you will learn that evolution is the process by which living things have changed over millions of years. All plants and animals inherit characteristics from their parents, but there are always small differences, known as variation, between individuals of the same species. Some of these differences help organisms survive and reproduce in their environment. Over many generations, these helpful adaptations become more common, leading to evolution. You will explore how fossils provide evidence for evolution, learn about adaptation and inheritance, and discover the important work of scientists such as Charles Darwin and Mary Anning in helping us understand the history of life on Earth.	Adaptation	Inheritance
	Variation	Species
	Offspring	Ancestor
	Natural selection	Habitat
	Fossil	Extinction

RAG Rating:		Start	End
1.	I can recognise that living things have changed over time and that fossils provide information about organisms that lived in the past.		
2.	I can explain how fossils are formed and what they tell us about past environments.		
3.	I can identify how animals and plants are adapted to suit their environment in different ways.		
4.	I can explain that adaptation may lead to evolution over long periods of time.		
5.	I can describe how living things produce offspring of the same kind but normally with variation.		
6.	I can explain that variation in offspring can be influenced by both inherited characteristics and environmental factors.		
7.	I can recognise that some characteristics are inherited from parents while others are not.		
8.	I can explain how advantageous traits may help organisms survive and reproduce.		
9.	I can use simple models or examples to describe natural selection (e.g., camouflage, survival of better-adapted organisms).		
10.	I can use appropriate scientific vocabulary (e.g., adaptation, evolution, inheritance, variation, fossil) to explain their understanding.		