

What I need to know: Y6 Science – Evolution and inheritance

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name:

Class:

For this term we are looking at evolution and inheritance, and we will focus on:

What I will know...	✓	Start	End
What a fossil is and where they come from.		<input type="radio"/>	<input type="radio"/>
How a fossil is formed.		<input type="radio"/>	<input type="radio"/>
How features and characteristics can be inherited from parents and how some features are unique.		<input type="radio"/>	<input type="radio"/>
What is meant by the term selective breeding and the positives and negatives of its use.		<input type="radio"/>	<input type="radio"/>
What is meant by the term adaptation and its significance to living things.		<input type="radio"/>	<input type="radio"/>
How living things have adapted to different climates.		<input type="radio"/>	<input type="radio"/>
Who Charles Darwin is, and look into his theory of evolution.		<input type="radio"/>	<input type="radio"/>
What is meant by the term extinction and why it can occur.		<input type="radio"/>	<input type="radio"/>

Skills I may use...	
Remember: name, identify, describe	Analyse: investigate, infer, select, clarify
Understand: predict, recall, interpret	Create: plan, design, construct
Apply: use, show, relate, demonstrate	Evaluate: compare, assess, judge

Vocabulary I need to know...		
1. I have heard the word, but I don't know what it means	2. I understand what the word means	3. I can explain what the word means and give other examples
Fossil, rock, stone, igneous, sedimentary, inherit, DNA, genes, dominant, features, characteristics, unique, selective breeding, descendants, adaptations, living things, climate, climate zones, survival, evolution, extinction, endangered.		

Opportunities to support English and maths
<ul style="list-style-type: none"> • Skim and scan texts to retrieve information or quotes quickly and accurately • Summarise main ideas from more than one paragraph • Make and justify inferences with appropriate evidence from the text • Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities
<ul style="list-style-type: none"> • Visit / visitor

Respect

Responsibility

Reflection

Resilience