

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.

By the end of this unit, we will understand what is meant by evolution and inheritance. We will explore Darwin's theory and why it was so important.



Create, Communicate & Evaluate

- Explain what is meant by the term extinction, why it can occur and present ideas about what can be done to stop it



Question, Reason, Discuss & Explain

- Explore how features and characteristics can be inherited from parents and how some features are unique
- Understand what is meant by the term selective breeding and the positives and negatives of its use
- Understand what is meant by the term adaptation and appreciate its significance to living things
- Investigate how living things have adapted to different climates and link to Darwin's theory



Know & Do

- Know what a fossil is and where they come from
- Revise how a fossil is formed
- Know who Charles Darwin was and why his theory of evolution was so significant

Vocabulary I need to know...

offspring, sexual reproduction, vary, characteristics, adapted, inherited, species, evolve, evolution

Opportunities to support English and maths

- 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

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