

Evolution and Inheritance (Year 6)

Prior Learning

Year 3: Fossils

- Fossils are formed with where the animal's skeleton are buried by sediment, which over time, hardens and becomes a fossil of the shape it is covering.

Year 4 living things and habitats:

- Environments affect living things; Plants and Animals adapt to their surroundings by changing their diet or behaviour, for example.
- Animals have different types of teeth for different roles. Canines are great at tearing meat, whereas molars are good for crushing plants

Key Vocabulary

Change: An act or process through which something becomes different

Cause and Effect: Something happening because a different thing prompted it to happen

Adapt: To adjust or change to fit the conditions

Characteristics: The features or properties of someone or something

Offspring: A person or animal's child

Evolution: The process by which different living organisms have developed over time

Key Facts

1) Fossils are the preserved remains or partial remains of ancient animals and plants and these allow scientists to know what they looked like millions of years ago.

2) Fossils provide proof that living things evolve over time.

3) Evolution is the gradual process by which different living organisms have developed over millions of years.

4) Charles Darwin introduced the theory of evolution and discovered that humans and apes shared ancestors

5) Evolution happens through inheritance – tiny changes which happen between each generation

6) Animals and plants make adaptations to survive or survive better in certain situations

Images and Icons

