

Vocabulary	Definition
Fossils	The remains or traces of plants and animals that lived long ago.
Offspring	The young born of living organisms.
Adaption	When an animal adapts (makes changes) to fit/survive in its environment.
Evolution	The theory that all the kinds of living things that exist today developed from earlier types.
Inheritance	Characteristics that are passed on from parents to offspring.
Species	A species is a group of animals, plants or other living things that all share common characteristics.
Reproduce	A living organism creates a likeness of itself.
Hibernation	When an animal or plant spends the winter in a dormant (sleeping) state.
Coniferous	Mostly evergreen trees and shrubs.
Deciduous	Deciduous trees lose their leaves seasonally.
Population	A group of people or animals living in a certain place.
Variation	A change or slight difference.
Biomes	A community of plants and animals that have common characteristics for the environment they exist in.
Tundra	A large, barren region with no trees.

Wow Activities

- Chester zoo visit
- Bush Tucker Trial

Curriculum Links

- Year 2 Topics-Explorers and Reproduction and Growth
- Year 3 Topic- Rocks (Fossils)
- Year 4 Topic- Animals

Survival!

Year 6 Miss Ashdown



Key Knowledge

Fossils provide information about living things that inhabited the Earth millions of years ago.

Animals and plants are adapted to suit their environment in different ways and adaptation may lead to evolution.

Living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.

Charles Darwin was an English naturalist who changed the way humans viewed themselves and the world around them through his amazing ideas on evolution and natural selection.

Charles Darwin is most famous for his work on evolution (1859): the idea that all species of life have evolved over time from common ancestors.

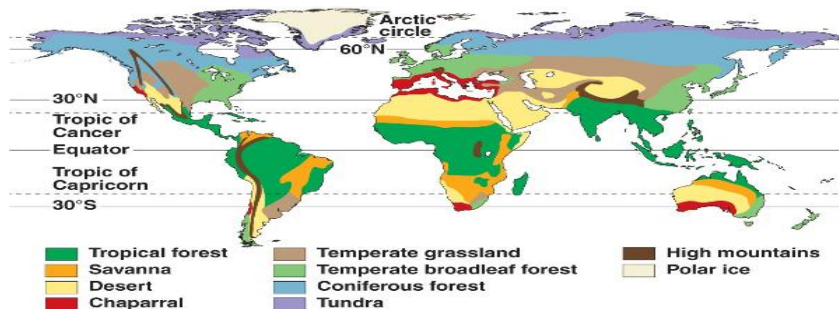


Variation in offspring over time can make animals more or less able to survive in particular environments.

The Dodo is one of the most famous **flightless birds** that became extinct shortly after it was discovered (175 years after its discovery). The dodo population did not have time to adapt as the human impact on their habitat was too extreme.

A number of factors lead to animal extinction: pollution, changes to climate, global warming, humans destroying habitats etc.

Biomes have similar weather, rainfall, animals, and plants. There are a number of biomes on planet Earth.



← Types of biomes in the world