


Knowledge Organiser: Mary Anning and Charles Darwin.


Year 1 Summer 1




Mary Anning (born in 1799) was a famous palaeontologist and fossil collector who lived in Dorset, England. Her family was poor so she used to go fossil hunting in the cliffs where they lived and sell the fossils to make a living. Over time, Mary became an expert at finding fossils in the Jurassic cliffs along the coastline. She helped to prove that dinosaurs existed by finding fossils.




England




coast




dinosaur




fossil




palaeontologist




British Museum




Mary Anning




Dorset




London




Lyme Regis




plesiosaur




pterosaur



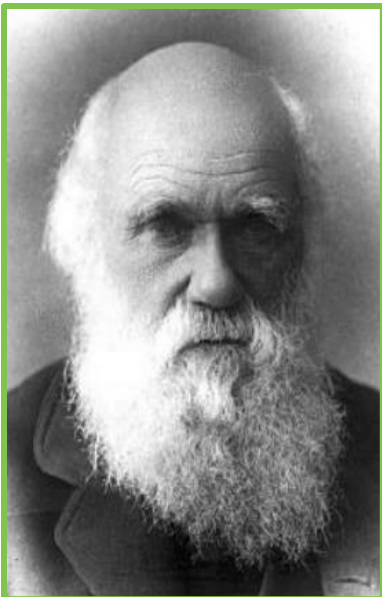
ichthyosaur




skeleton




extinct




Charles Darwin (born in 1809) was a famous scientist and explorer from England. He was known as a biologist and naturalist (studying natural things) as well as a geologist (studying the Earth). Charles travelled all over the World, He wrote a very famous book called 'The Origin of Species' about evolution and adaptation of animals to survive the parts of Earth where they live.




geology




explorer




Beagle




animals




species




world




Charles Darwin




scientist




England




Galapagos




fossil




On the Origin of Species



theory



evolution



natural selection

fossil	A print of a dead animal in rock
Jurassic	A time when dinosaurs were alive
coast	Where the land meets the sea
palaeontologist	A person who studies fossils
dinosaur	Prehistoric animals now extinct
extinct	When all of a species of animal or plant have died
scientist	A person who studies the World around us
explorer	A person who discovers new animals or places
adapt	To change something to help
evolution	When changes are made over time to make improvements
species	A group of living things



Lesson Sequence



1. Discover animal families



2. Learn about the differences between mammals and birds



3. Learn about the differences between amphibians, reptiles and fish



4. Discover the type of food living things eat



5. Explore the difference between wild animals and pets



6. Explain the characteristics of an animal

bird



- young born in eggs
- feathers
- warm-blooded

fish



- scales
- gills
- live in water
- cold-blooded

reptile



- young born in eggs
- cold-blooded

amphibian



- young born in eggs
- cold-blooded
- lives in water and on land

mammal



- young born live
- warm-blooded
- fur

What animals eat

herbivore



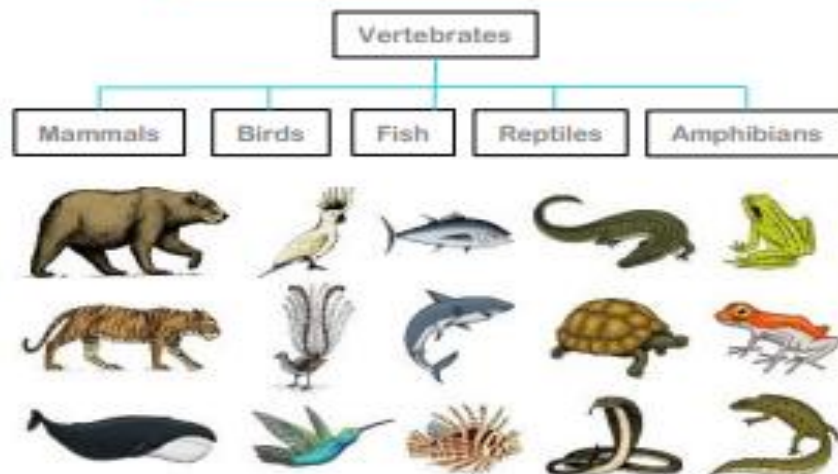
omnivore



carnivore



Classification of animals



Carnivores



Herbivores



Omnivores

