

# Dinosaurs



To know that dinosaurs were alive on this planet before we were and know some of their names.

To know how archaeologists find clues to learn about the past.

To know why Mary Anning is an important historical figure.

To know the difference between herbivores and carnivores and why they have different teeth

To know how prehistoric dinosaurs and modern reptiles are both the same and different.

To know some theories as to why dinosaurs became extinct.

## Key Vocabulary

Archaeologist

Carnivore

Cretaceous

Excavate

Extinct

Fossil

Herbivore

Invertebrate

Jurassic

Museum

Omnivore

Palaeontologist

Pre-historic

Triassic

Vertebrate

## Top Ten famous dinosaurs:

1. Tyrannosaurus Rex
2. Triceratops
3. Velociraptor
4. Stegosaurus
5. Spinosaurus
6. Brachiosaurus
7. Allosaurus
8. Appatosaurus
9. Plesiosaurus
10. Ichthyosaurus

## Dinosaur teeth

Dinosaurs like the *Tyrannosaurus* were carnivores. They had sharp, pointed teeth to cut and tear meat. Dinosaurs like the *Diplodocus* were herbivores. They had flat teeth to grind and chew plants.



carnivore teeth



herbivore teeth

**Fossils Finders:** Palaeontology is the study of plants and animals that lived millions of years ago. Scientists called **palaeontologists** study the remains of the ancient organisms, or living things. The remains, called **fossils**, were preserved in rocks. **Palaeontologists** look for **fossils** all over the world.



**Mary Anning** (1799-1847) was a famous English fossil hunter. The cliff near where she lived in Dorset, England are rich in fossils from the Jurassic Period. Anning spent months uncovering the body of her first fossils, a marine reptile that lived at the time of the dinosaurs; an ichthyosaurus.



**Animal Groups:** Animals can be sorted into 6 different groups; mammals, amphibians, birds, fish, reptiles and invertebrates. Scientists believe dinosaurs evolved from primitive reptiles called 'King lizards.' The word dinosaur means 'terrible lizard.'



**Extinction:** Living things become extinct when there are no more of them alive anymore. Dinosaurs become extinct around 65 million years ago. There are different theories around why this happened, from an asteroid hitting the Earth to cause an ice age, to a volcanic eruption.

