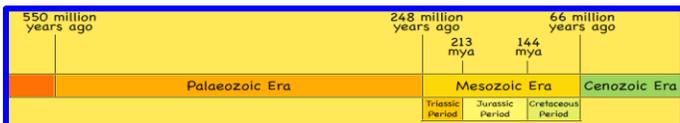


## Knowledge about Dinosaurs

- ❑ The dinosaurs existed in the Mesozoic Era which was 250 million years ago.
- ❑ The Mesozoic Era was split into three different time periods. The first was the Triassic period which occurred 200 million years ago. The second was the Jurassic period which occurred 150 million years ago. The third was the Cretaceous period which was 70 million years ago.
- ❑ Pangea was the super continent which was home to the dinosaurs, before splitting into the seven continents we know today.
- ❑ Tectonic plates caused the break up of Pangea which led to continental drift.
- ❑ The two main types of dinosaur can be split into herbivore (plant eater) and carnivore (meat eater).
- ❑ The Diplodocus and the Stegosaurus were herbivores (see subject specific vocabulary).
- ❑ Dinosaur fossils include footprints, imprints of their skin or feathers, and poo - called coprolites.
- ❑ Dinosaur fossils are used to learn more about the species including their habitat, diet and pigment.
- ❑ Dinosaur habitats include planes, wetlands, forests, swamp forests, deserts and lagoon.

## Memorable Moment

Design their own dinosaur habitat and ecosystem for a herbivore or a carnivore to survive in.



## Subject-Specific Vocabulary

Word	Definition
Brachiosaurus	Herbivore. Very long neck. Front legs much longer than back legs.
Diplodocus	Herbivore. Eggs laid in the ground. Longest known dinosaur (27m). Powerful back legs. Tail used for balance.
Pterodactyl	Carnivore. Extremely long fourth finger to which its wings were attached. Long beak with small sharp teeth.
Spinosaurus	Carnivore. Powerful jaws and straight teeth. Sail on back made from spike shaped bones. They lived on land and could also swim in water.
Stegosaurus	Herbivore. 17 back plates which change colour when they scare off other dinosaurs. Spikes on tail. 9m long.
Tyrannosaurus Rex	Carnivore. Extremely short front legs but a very large and powerful jaw for eating its prey.
Velociraptor	Carnivore. Powerful legs with long claws. Hunted together in packs so impossible to escape their attack. Small but fast.
Mesozoic Era	The period in time that dinosaurs existed, approximately 250 million years ago.
Triassic Period	The first period of the Mesozoic Era that occurred 200 million years ago.
Jurassic Period	The second period of the Mesozoic Era that occurred 150 million years ago.
Cretaceous Period	The third period of the Mesozoic Era that occurred 70 million years ago.
Pangea	The super continent which was home to the dinosaurs during the Mesozoic Era.
Fossil	The shape of a bone, a shell, or a plant or animal that has been preserved in rock for a very long period.



## Y2 Roarsome Dinosaurs



## Knowledge about Dinosaurs

- ❑ When dinosaurs ruled the Earth, the climate was most likely hot and humid. There is no evidence of Ice Ages found in rocks of this age. There is a lot of evidence of tropical species existing at this time.
- ❑ The end of the Cretaceous period saw one of the most dramatic mass extinctions Earth has ever seen.
- ❑ 66 million years ago, over a relatively short time, dinosaurs disappeared completely (except for birds). Many other animals also died out, including pterosaurs and large marine reptiles.
- ❑ The exact nature of this catastrophic event is still open to scientific debate. Evidence suggests an asteroid impact was the main culprit. Volcanic eruptions that caused large-scale climate change may also have been involved, together with more gradual changes to the Earth's climate that happened over millions of years.

## Links

- Y1 and Y2 (Summer) - Continents
- Y2 - Science (Animals including Humans)
- Y3 – Chronology of Historical Periods
- Y3 and Y6 – Science Fossils
- Y4 and Y6 – Tectonic Plates
- Y6 - Climate Zones and Extreme Weather

## Reading Texts

