

Title: Dinosaur Planet**What should I already know?**

There are different types of dinosaurs. Dinosaurs eat different things, some eat meat some eat plants.

They are now extinct and are no longer alive on Planet Earth.

**Linked Science knowledge for the topic**

- Group and sort a variety of common animals based on the foods they eat.
- Label and describe the basic structure of a variety of common animals.
- Draw and label the main parts of the human body and say which body part is associated with which sense.

**Vocabulary**

Carnivore	An animal that eats other animals
Dinosaur	Reptiles that lived long ago.
Fossil	The remains or traces of a once living plant or animal
Herbivore	An animal that eats plants
Invertebrate	Animals, such as insects, without a backbone
Omnivore	An animal that eats both plants and animals.
palaeontologist	A person who studies fossils.

**By the end of the topic we will be able to...**

By the end of the topic you will be able to identify numerous dinosaurs, their features, what fossils are and where they came from. They will also have some information about Mary Anning and what she was famous for.

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**Mary Anning**

Mary Anning was a British palaeontologist, who was born in 1799. She made many important fossil discoveries.



Portrait of Mary Anning

**Important discoveries**

In 1811, Mary found the fossilised skeleton of a dinosaur named an *Ichthyosaurus* and in 1823 she found a fossilised *Plesiosaurus* skeleton. Many of Mary's fossils are now on display in the Natural History Museum in London.



*Plesiosaurus* skeleton

**Dinosaur sizes**

Dinosaurs were all different shapes and sizes. Some were huge, such as the *Diplodocus*, and others were tiny, such as the *Compsognathus*.

	Name	Length	Height (at the hip)
	<i>Compsognathus</i>	1m	25cm
	<i>Velociraptor</i>	2m	50cm
	<i>Stegosaurus</i>	9m	3m
	<i>Triceratops</i>	9m	3m
	<i>Parasaurolophus</i>	11m	3m
	<i>Tyrannosaurus</i>	12m	4m
	<i>Apatosaurus</i>	21m	5m
	<i>Diplodocus</i>	26m	5m

**Extinction**

Living things become extinct when there are no more of them alive. Dinosaurs became extinct around 65 million years ago. Other animals, like the dodo and the Western black rhino, are now extinct.



dodo



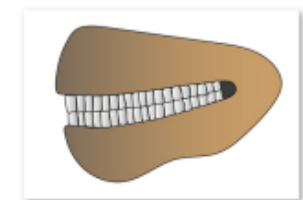
Western black rhino

**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