

FOSSILS AND DINOSAURS

Learning About the Past

Many animals have lived on Earth and many still live on the Earth. Some lived on Earth millions of year ago. Many of these animals unfortunately do not live on Earth anymore.

Many animals have become **extinct** over millions of years. **Extinct** means all the animals of that kind no longer live on Earth.

Dinosaurs are animals that are extinct. Dinosaurs used to live on Earth but they do not live on Earth anymore.



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*Let's check what we have learned so far:
What does the word extinct mean?*

What are Fossils?

Fossils are things that provide evidence (or proof) of things that lived long ago. A fossil is the outline or piece of something that died millions of years ago. Some fossil examples are the outline of a fish in a rock, or a footprint of a dinosaur in a piece of preserved Earth, or the skull of an ancient ape. There are animal fossils and plant fossils. Not all living organisms become fossils.

Fossils show us **what animals** from millions of years ago looked like. By looking at fossils, scientists can see how animals have changed over time.

Fossils give clues to what the Earth was like millions of years ago.



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Paleontologists are scientists who observe, examine, and study **fossils** in order to find out about the past.

***Let's check what we have learned so far:
What is a fossil?***

Where are Fossils Found?

Scientists can figure out **where** organisms once lived by where they find its fossil.

Some fossils form in **rock**. Fossils can be found in different layers of rock. Scientists can tell how old a fossil is by the layer of rock in which they find it.



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*Let's check what we have learned so far:
Where are fossils found?*

Dinosaurs – ROAR!

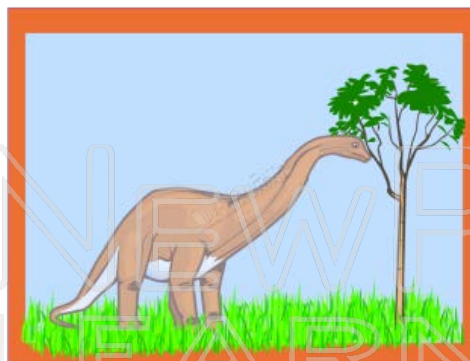
Dinosaurs are a group of reptiles that lived on Earth millions of years ago.

Dinosaurs lived in different areas and during different time periods. There were MANY different types of dinosaurs.



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**Let's check what we have learned so far:
When did dinosaurs live on Earth?**