



FOSSILS

HOW ARE THEY MADE?

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FUN FOSSIL FACTS!

All you need to know about fossils is right here but before we start you need to know the background, so sit back and relax!

- The main study of fossils is called Palaeontology
- When you study fossils you are known as a Palaeontologist
- Fossils are relics of ancient animals and plants or their imprints
- Fossils and imprints can sometimes show what their day to day life and activities were like
- The word fossil comes from the Latin word 'Fossilis' which means 'dug up'

Now you know the main facts, are you ready to learn all about how fossils are made?



STARTING OFF...

What we have here is a fossil. Before becoming a fossil, it was an animal called an Ammonite.

Overtime and after it had died, it got covered with layers and layers of sediment and debris including sand, mud and small pieces of rock.

As time passed it got squeezed so hard it was compressed into sedimentary rock becoming a fossil!



ANIMAL FOSSIL

Animals are a bit different when it comes to fossils. Here is why...

When animals die they can be quickly buried by sediment, they go through the same process but when it comes to their bones it is a little bit different.

When they die, their skin slowly rots . The only thing that's still remains is their bones and teeth.

Over time they become fossils due to a change in chemicals.

When the bones start to rot, water containing minerals seeps in to the bones and teeth and replaces the chemicals turning it from an animal in to a fossil.





REMEMBER...

Fossilisation is the process where the original object is dissolved and the original minerals are replaced with other minerals!

In the end, you get a heavy rock-like copy of the original object and that's what we call a fossil.

THANKS FOR WATCHING,
I HOPE YOU ENJOYED IT!!!

