

# Fossil Quiz

**How many questions can  
you answer?**

??????????

What are the two different kinds of fossil that are found?



# Trace and Body fossils

Body fossils are parts of a plant (e.g. leaves, stem, bark, trunk) or animal (e.g. teeth, bones or scales) which has fossilised.

Trace fossils (like trackways, coprolites, or burrows) tell us about how an animal behaved

# What fossil is this?



You can cut open fossil poo (also called 'coprolites') and see if the animal who made the poo was a plant-eater (called a herbivore), or a meat-eater (called a carnivore)

## *Fossil poo*

This is a trace fossil. It tells us about behaviour.

# WHICH IS THE MEGALADON FOSSIL SHARK TOOTH?



Megaladon sharks went extinct around 3½ million years ago. They were much bigger than the biggest shark alive today.



What fossil is this?



# *Hermit crab shell*

Shells, bones, teeth, leaves, wood, eggs or poo may all become fossils  
if the conditions are right

WHAT DINSOSAUR IS THIS FOSSIL TOOTH FROM?



It's a *Tyrannosaurus*  
*rex* tooth

# IS THIS A TRACE OR BODY FOSSIL?

These are the footprints of a small reptile that lived when the dinosaurs were alive.

Footprints are **trace** fossils.



## Trace fossil

# IS THIS A TRACE OR BODY FOSSIL?



These broken pieces of tortoise shell were fitted back together and glued, like a fossil puzzle. The white bits are where bone was missing and was filled in with putty by the palaeontologist

**Body fossil**  
**(Tortoise shell)**



WHAT DO THESE THREE FOSSILS HAVE IN COMMON?



They are all fossil dinosaur eggs

# ARE THESE TRACE OR BODY FOSSILS?



Eggs are **trace** fossils

# WHY LEARN ABOUT PAST LIFE ON EARTH?



It teaches us about the amazing plants and animals that lived long ago, and helps us prepare for the future (climate change).



Well done for completing the quiz!

