

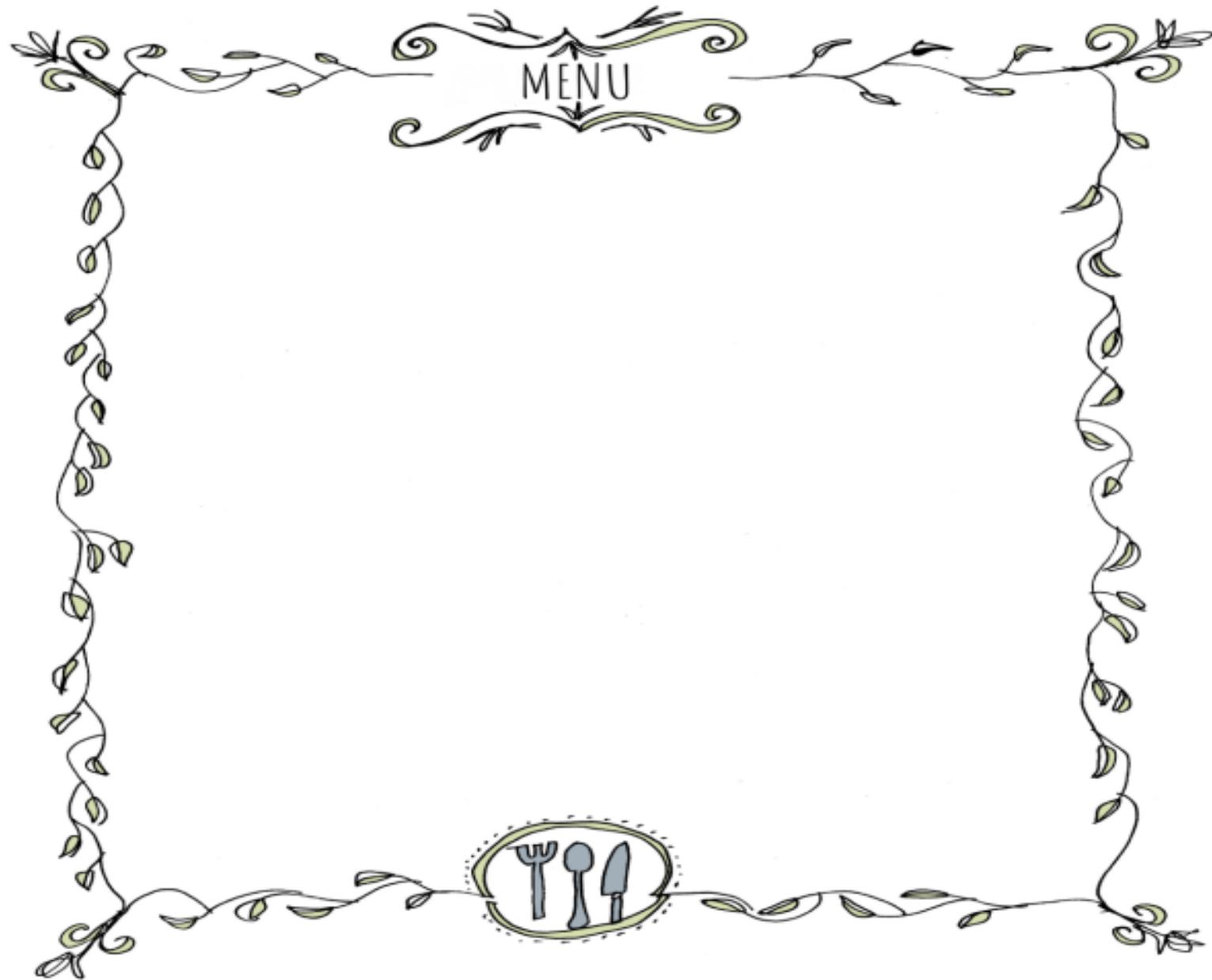
English – Day Four

Goblin menu

Goblins love their food! Here is what they served at the birthday party:

There were pinecone truffles, sweet sap sorbets, nettle fritters and the finest pollen-puddings. In the centre was an enormous cake covered in long-grass icing and, on the top, over a hundred candles burned brightly.

Design a menu for another goblin party – it could be a Christmas party, an anniversary or any celebration you can think of. Can you design your party menu for a certain type of goblin and think carefully what they would eat, e.g., would a Cave Goblin eat something different to a Fire Goblin?



Goblin necklace

In our story, I gave Sammy my Tree Goblin necklace covered in charms and trinkets.



- * **Design and draw a goblin necklace using the string below (you could design mine or more than one!). Label it and then write a description of it in the box underneath. Could you even make it?**



Thursday 25th June 2020 - WALT: Compare line graphs.

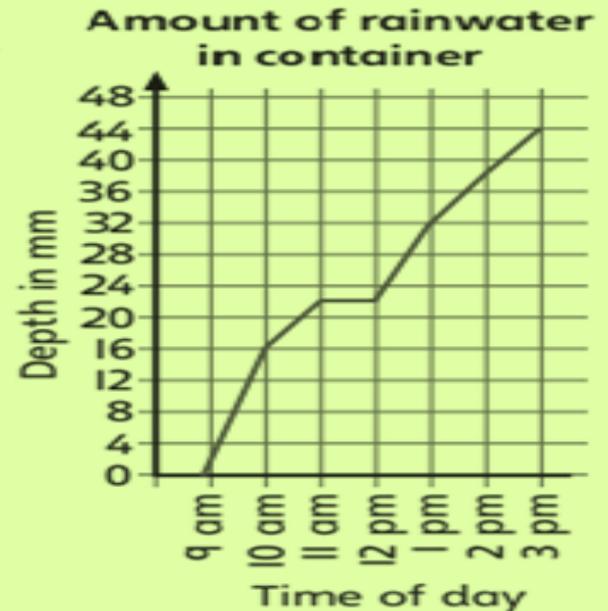
Line graphs ②

1 An open container was put out in the rain.

a) How much more water was in the container at 11 am than at 10 am?



There was mm more water in the container at 11 am.



b) Complete the sentence.

It took hours for the water level to increase from 22 mm to 32 mm.

Explain why it took this long.

How do you know?

2

a) How many steps did Evie take during the day?

Evie took steps during the day.

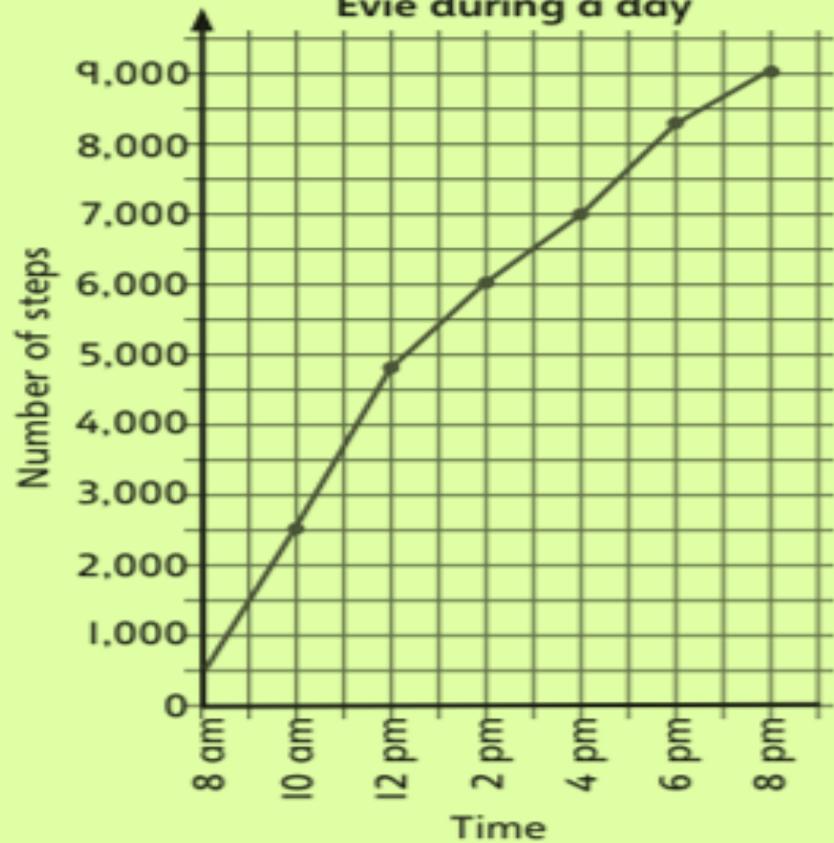
b) How many steps did Evie take between 12 pm and 3 pm?



c) How long did Evie take to go from 500 to 1,500 steps?



Number of steps taken by Evie during a day



3

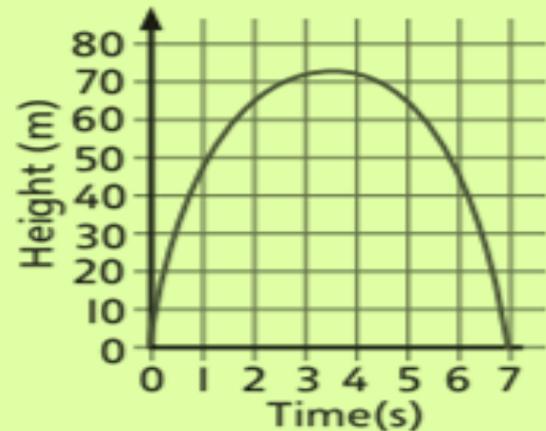
Max hits a golf ball.



The graph shows the height of the ball off the ground at different times.

What is the greatest height the ball reaches?

How do you know?



Outdoor Home Learning



Open the link to investigate this further...

Bridging the Gap

Can you build a bridge that will hold your weight and enable you to cross a puddle, a raging tarpaulin river, or a bubbling lava blanket? Alternatively go small-scale and create micro bridge to hold a 500g kg of sugar or similar.

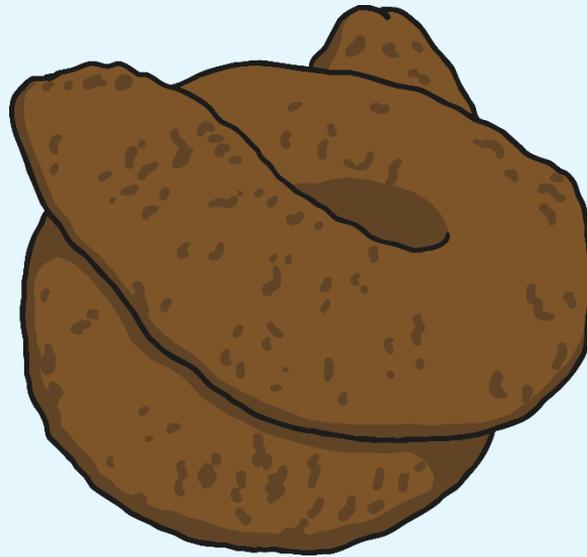
<https://www.bbc.com/1/learning-zone/resources/bridging-the-gap/>



What is a Fossil?

Fossils are the stone remains of dead animals or plants.

Fossils are usually the skeletons of animals and plants but not always. Fossils can also be things made by animals like footprints or poo!



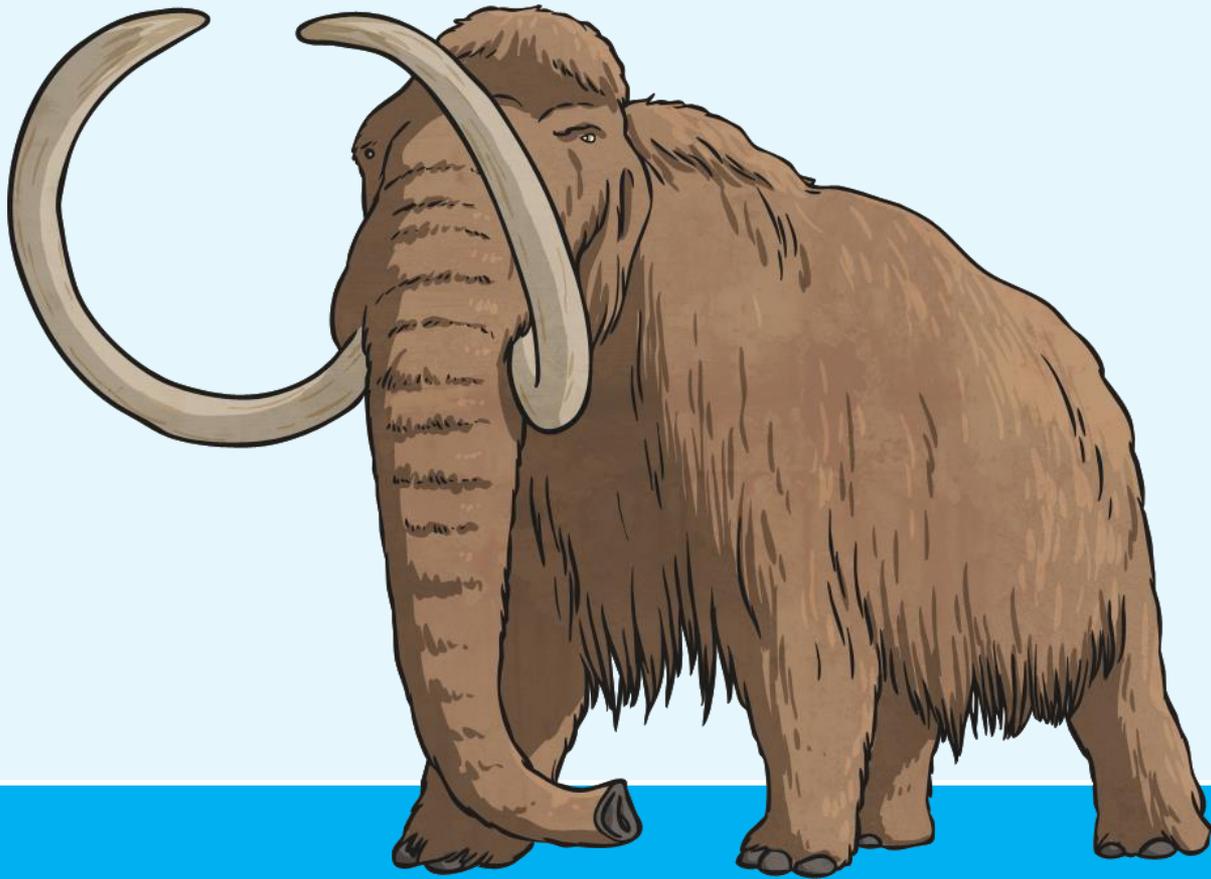
What is a Fossil?

The most common way that fossils are formed is when small animals like flies and spiders get covered by tree sap they get trapped. The tree sap hardens to form solid amber, preserving them for thousands of years.



What is a Fossil?

Sometimes a whole animal can get trapped in ice, freezing them for thousands of years. Palaeontologists (people who study fossils) have found woolly mammoths that have been preserved this way.



How are Fossils Made?

Ice is excellent at preserving whatever may be frozen in it. A mammoth thought to be about 10,000 years old, recently discovered in Siberia, was preserved so well in the ice that the carcass still contained some of its blood. Scientists analysed the blood and found that the mammoth had evolved so that its blood could supply more oxygen around its body which is vital in icy climates. This is something that modern elephants (which are related to mammoths) cannot do.



Zoom Demonstration: How is a Fossil Made?



An animal or creature dies. Its remains get covered in mud and dirt over time.

Zoom Demonstration: How is a Fossil Made?



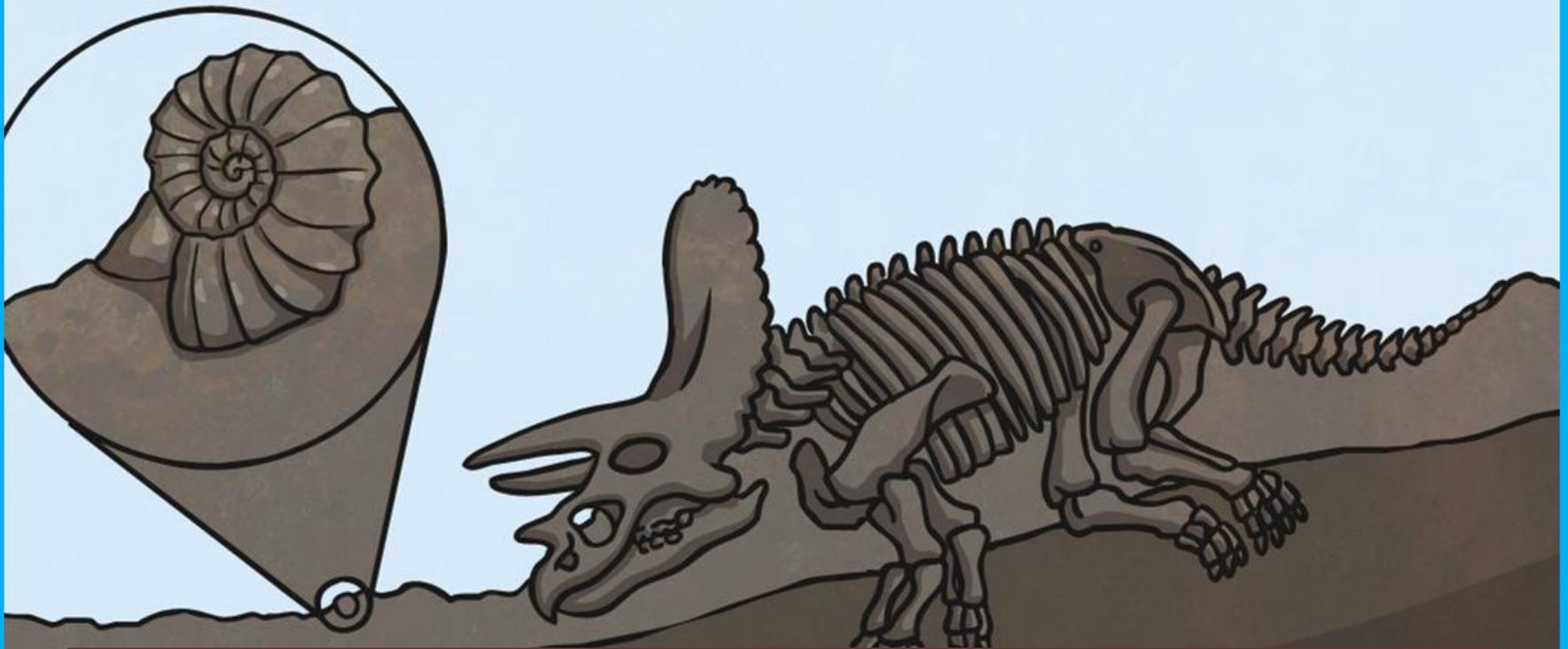
Over thousands of years, pressure builds up from all the layers of rock and mud covering the skeleton. The skeleton is dissolved by ground water. This makes a perfect mould of the skeleton.

Zoom Demonstration: How is a Fossil Made?



Minerals in the ground water begin to fill the mould of the skeleton. These minerals form rock within the mould (this takes at least 10,000 years).

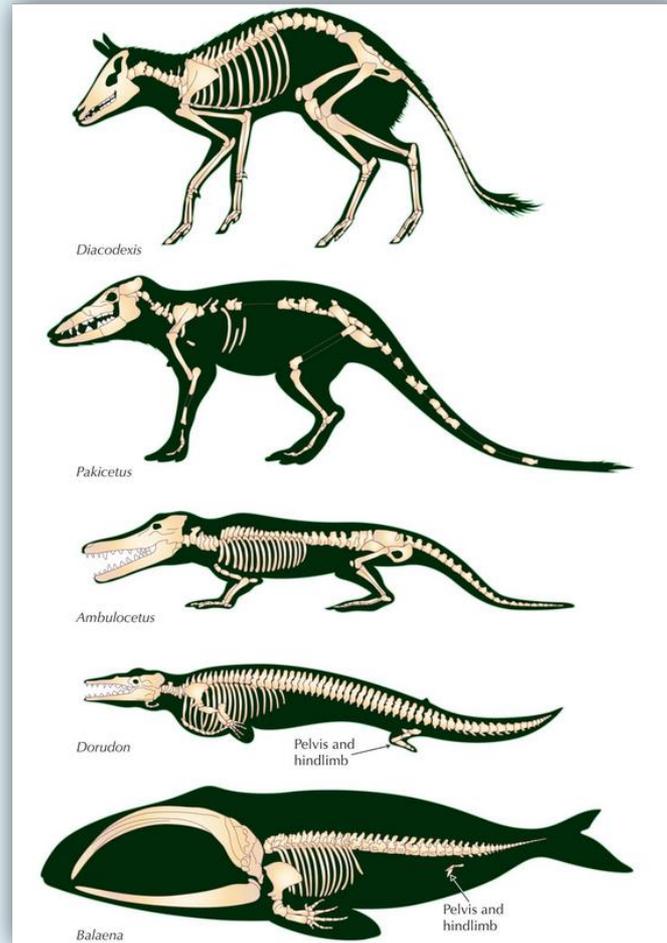
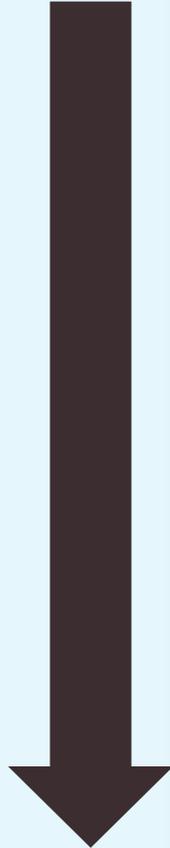
Demonstration: How is a Fossil Made?



Finally all that's left is a perfect fossilised skeleton. Over time, the layers of rock and earth erode away leaving the fossil to be found.

Fossils and Evolution

Fossils are very useful for telling us more about how animals and plants have evolved over time.

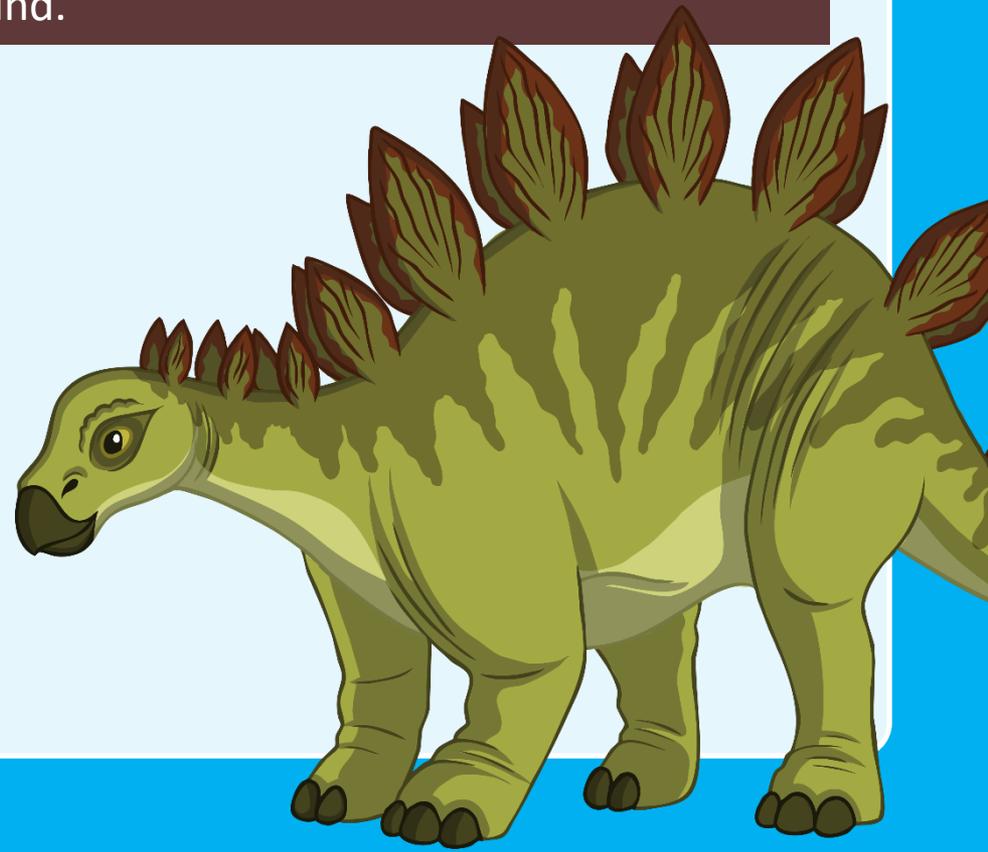


For example, palaeontologists think that these fossil skeletons show how whales might originate from land animals.

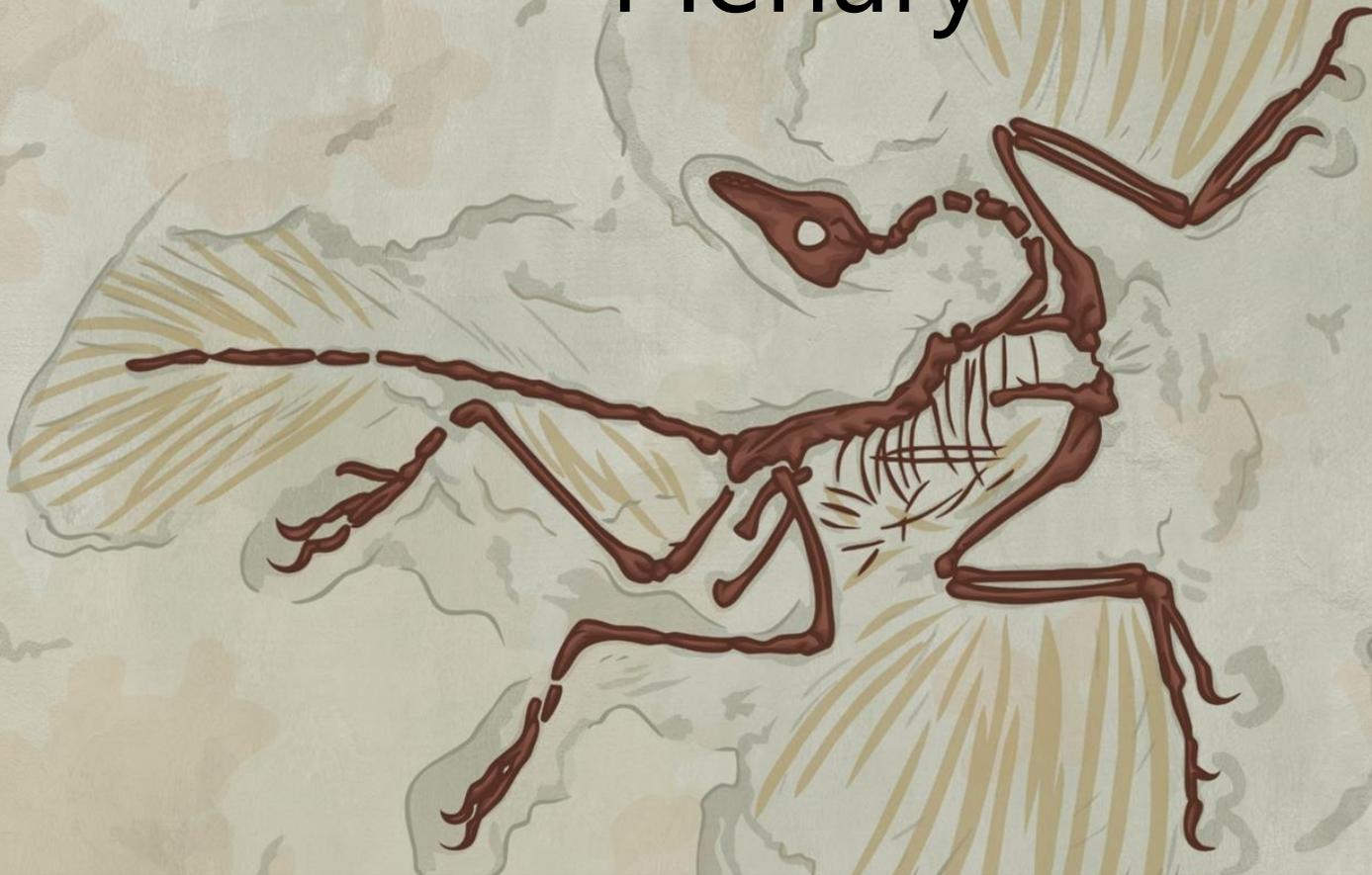
Zoom Activity

Whose bones are they anyway?

Your task is to try and find out which fossilised bones belong to which dinosaur. Use the shape, structure and size of the fossil bones to explain each match you find.



Plenary

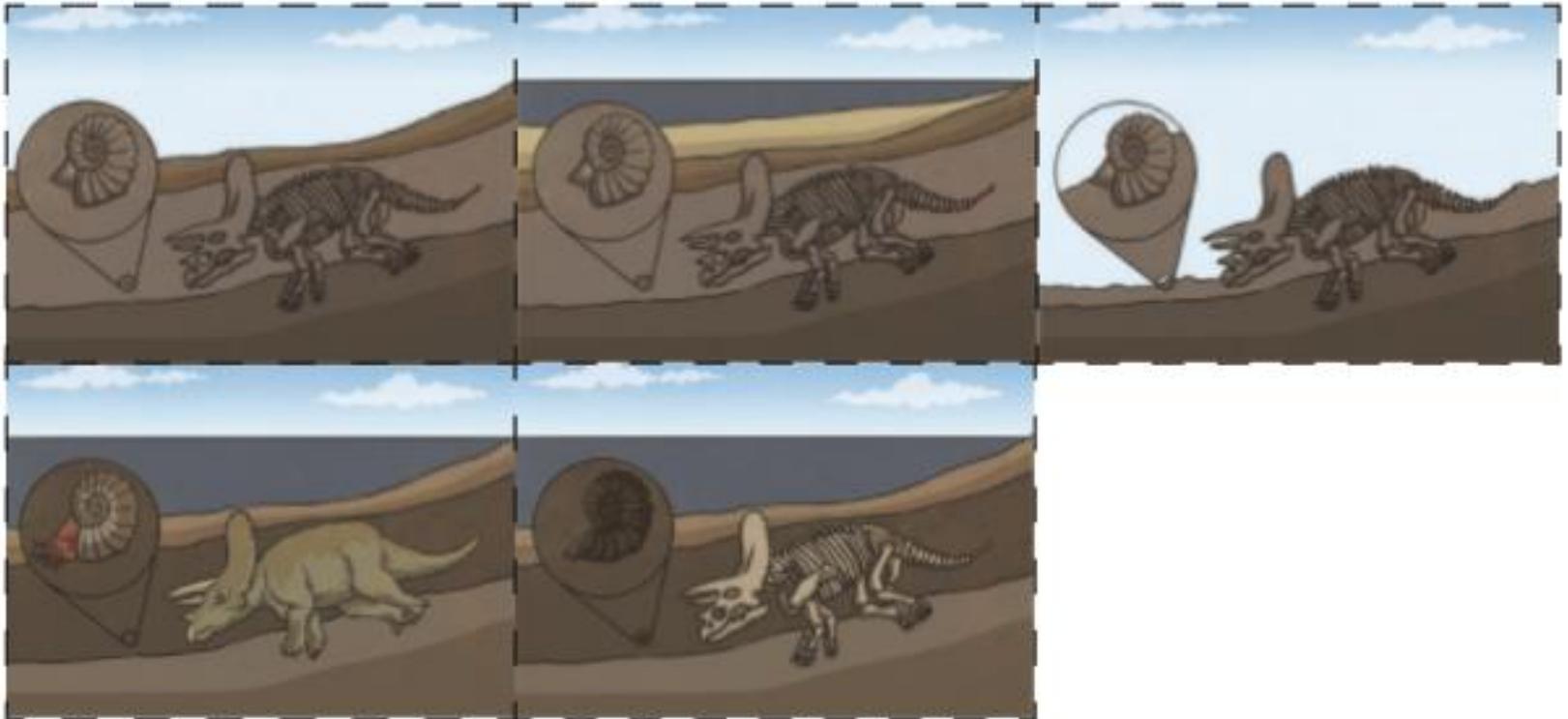


What are the three main ways that fossils are formed?

What can fossils tell us?

After Zoom Activity

Can you sequence the pictures and text to explain how fossils are made?



After Zoom Activity

Can you sequence the pictures and text to explain how fossils are made?

As erosion and weathering takes place, eventually the fossils become exposed.

Over a long period of time the sea will recede in certain places.

Over time more layers of rock cover it and by this time the only thing to remain of the animal would be its bones (except in the case of mould fossils where the bones would also be decayed).

An animal or creature dies and ends up in the sea. It gets covered by a layer of rock.

Over thousands of years the mould fossil might become a cast fossil with sediment entering the mould. In the case of replacement fossils, the original bone matter changes to mineral matter but this does not affect the shape of the bones.