

Activity book

Dinosaurs

in Wales

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Hi I'm *Dracoraptor*,
the Welsh dinosaur.

In 2014, two Welsh brothers found fossil bones from a small dinosaur in rocks on the beach near Penarth. A year later a student found the bones from its foot.

This was the first meat-eating dinosaur skeleton found in Wales. It was also a completely new type of dinosaur! It is called *Dracoraptor*, 'dragon-robber'.

Your Name:

If you found a new type of dinosaur, what would you call it?

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A jumble of bones

Find the fossil blocks that contain the bones of *Dracoraptor*.
Look carefully at the fossils.

Use the numbers on the fossil photos and the skeleton picture to work out which bone is which.

The bones in this block of fossils come from the dinosaur's hip and backbone.

Draw lines below to show where they belong on his skeleton:



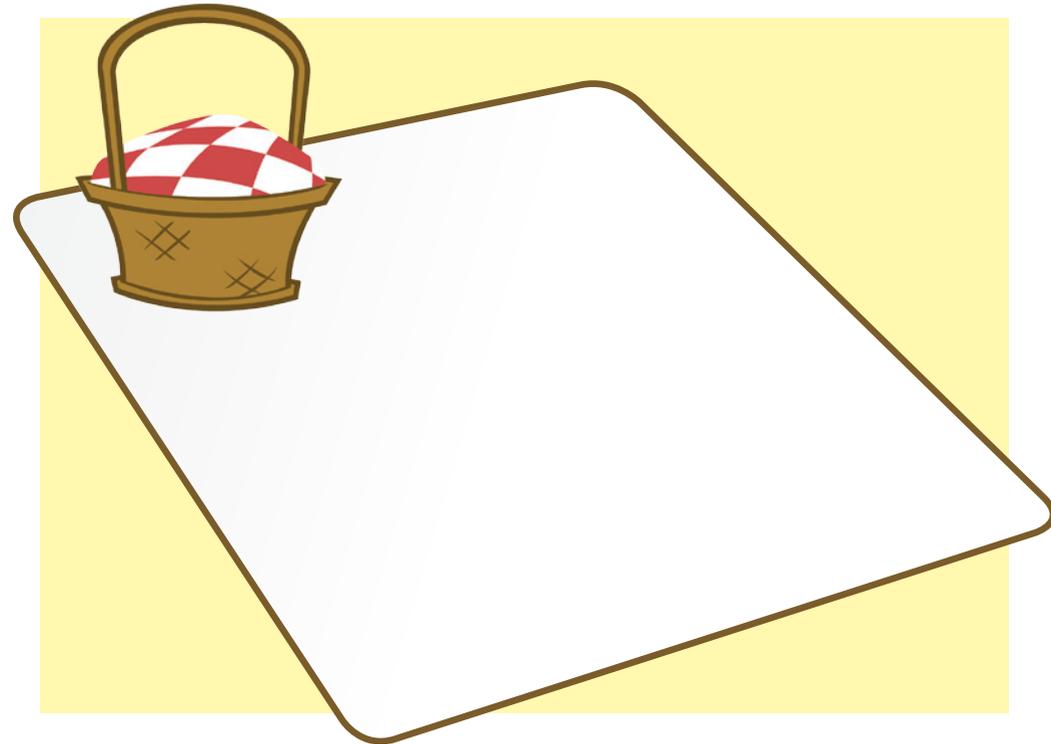
Dinosaur picnic

We can tell *Dracoraptor* ate meat by looking at his sharp teeth.

What would a meat eating dinosaur take to a picnic at the seaside?

Draw what he might like to eat.

Look in the dinosaur display for ideas.



Museum scientists think *Dracoraptor* ate lizards, insects and small mammals.

Dinosaur Selfies

Dinosaur footprints



Find these dinosaurs in the Evolution of Wales gallery.

Read the clues and fill in their names.



I am a close relative of *Dracoraptor*. I am a small, meat-eating dinosaur.

My name is: **C** _ _ _ _ _ **S**



My jaw was found near Bridgend. It shows my sharp carnivorous teeth. *Dracoraptor* would have been a tasty meal for me!

My name is: **M** _ _ _ _ _ **S**



You can see my tracks near Sully. Fossils of my small, flat teeth show that I am a plant-eater, even if I look fierce.

My name is: **P** _ _ _ _ _ **S**



I am the King of the Dinosaurs! I lived millions of years after *Dracoraptor*, but I share some features with my little cousin.

My name is: **T** _ _ _ _ _ **S**

Wales was underwater when *Tyrannosaurus* was alive, so he never came here – not even on holiday!

Can you stomp like a dinosaur?

Some of the dinosaurs left their footprints in damp mud. Find their real fossil footprints in the gallery.

Can you:

Hop on one foot?

Walk in a straight line?

Wander about?

Look under the dinosaurs' feet to find real fossil footprints. This picture shows their tracks. What do you think the dinosaurs are doing?



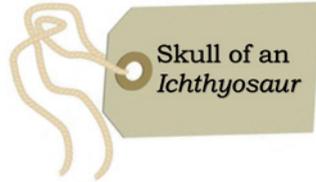
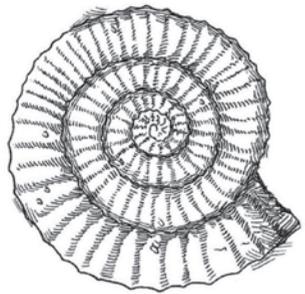
Draw an arrow to show which way this dinosaur is going:



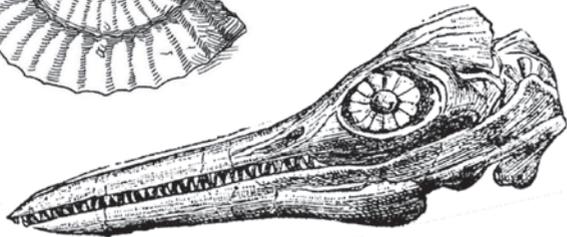
Fossil clues

Help! These fossils of animals were found with *Dracoraptor* but they have lost their labels.

Draw a line to match each fossil up with the right label.



Skull of an
Ichthyosaur



Fossil
Bivalve



Ammonite
Fossil

These animals all lived in the sea.
This tells us that although *Dracoraptor* lived on land, its skeleton ended up in the sea.

How do you think it might have got there?

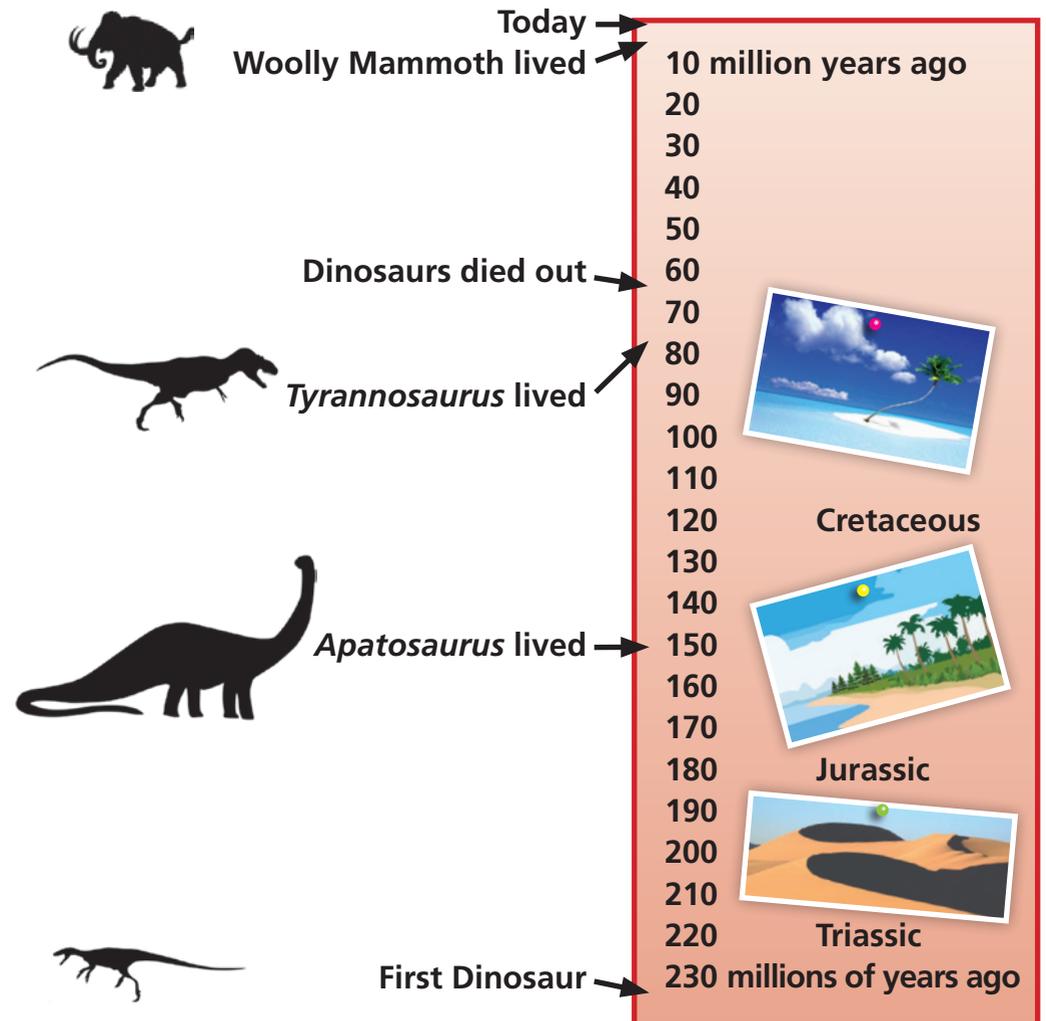
How old?

Dracoraptor lived a long time ago – even for a dinosaur!

Have a look at this timeline:

We have marked when some other dinosaurs, and woolly mammoths lived.

Mark the timeline with an arrow to show when *Dracoraptor* lived:



What do you think?

Scientists use evidence to build up their picture of a dinosaur. Use the evidence in this trail and your imagination to draw what *Dracoraptor* might have looked like.



Mae gwyddonwyr yn defnyddio tystiolaeth i greu darlun o ddeinos Defnyddiwyd y dystiolaeth ar y llwybr hwn - a'ch dychymyg - i dynnu llun o'r *Dracoraptor*.



Koedd y deinosor hwn yn byw wrth y môr
Koedd ym:
gigysol gyda dannedd minïog
deinosor ifanc oedd angen osgoi cael
ei fwyta
O'i esgryn gallwn ddweud:
Koedd ganddo dri bys ar bob troed
Koedd yn cerdded ar ddwy goes
Koedd ganddo gyntffon hir

This dinosaur lived by the sea

It was:

a meat eater with sharp teeth

a young dinosaur who needed to avoid being eaten

From its bones we can tell that:

It had three toes on each foot

It walked on two legs

It had a long tail

Beth ydych chi'n feddwl?