

Dinosaurs



Here is a free dinosaurs themed learning and activity pack for use in school and at home.

As well as the information here there are short videos to go with some dinosaurs, available on the website and linked to our social media posts, and on YouTube. We've also put together a brief Dinosaur history timeline.

Our information is aimed at Key stage 1 children so is short and easy to read - but remember this is about interesting you in the topic, it's not the whole history of the Dinosaurs!

We have laid our pages out as fact file style pages, and we've left you space to add your own information too. (we've only covered a handful of dinos—but we've included a blank fact file page for you to add more).

And there are two dino crafts included in this pack.

Please note the dinos in the videos are toy dinosaurs as we don't have access to our usual dino resources.

More activities on other themes, along with dino videos, can be found at <https://museum.maidstone.gov.uk/learn/learning-with-spike-at-home-2/>



Spike's Fact File; Triceratops

When did they live?

Triceratops lived in the Cretaceous period around 70 million years ago.

Diet

Herbivore; Triceratops are plant eaters. They would have flat teeth to grind the leaves and plants before they swallow them.

picture



Appearance

Length; 9 metres long

Height; 3 metres tall

Weight; 5,000kg

Two long horns made of solid bone just above the brow, and one wider horn just above the nose.

Fun Fact

Triceratops means three-horned face.

They may have had as many as 800 teeth.



Spike's Fact File; Stegosaurus

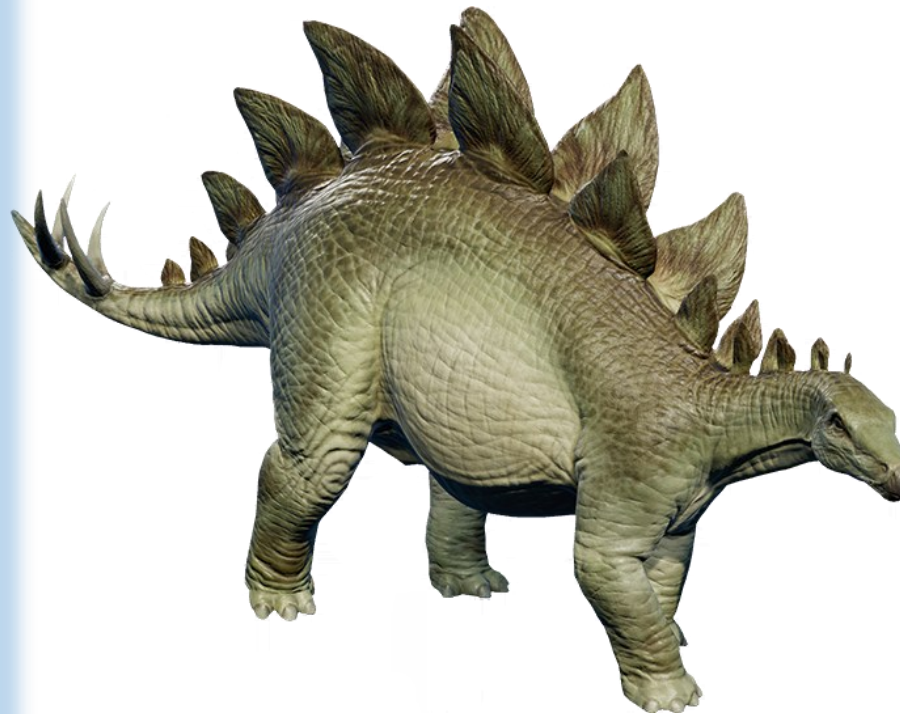
When did they live?

Stegosaurus lived in the Late Jurassic Period about 150 million years ago

Diet

Herbivore; Stegosaurus' are plant eaters. They would have flat teeth to grind the leaves and plants before they swallow them.

picture



Appearance

Length; 9 metres long

Weight; 2,000kg

Height; 4 metres tall

Bony plates running along the spine from head to end of the tail.

Fun Fact

Stegosaurus means roofed lizard.

They had a brain the size of a walnut - about 2.5cm long.



Spike's Fact File; Iguanodon

When did they live?

Iguanodons lived in the Cretaceous period around 70 million years ago.

picture



Appearance

Length; 10 metres long

Weight; 4,000kg

Height; 3 metres tall

Thumbs looked like spikes.

Diet

Herbivore; Iguanodons are plant eaters. They would have flat teeth to grind the leaves and plants before they swallow them.

Fun Fact

An iguanodon skeleton was found in Maidstone in 1834. This is why there is an iguanodon on the Coat of Arms. Spike dino is based on the iguanodon.



Spike's Fact File; Brachiosaurus

When did they live?

Brachiosaurus lived in the Late Jurassic Period about 150 million years ago

Diet

Herbivore; Brachiosaurus are plant eaters. They would have flat teeth to grind the leaves and plants before they swallow them.

picture



Appearance

Length; 26 metres long
Weight; 80,000kg
Height; 16 metres tall
Long neck and small head.
Largest and heaviest land animal ever discovered.

Fun Fact

Brachiosaurus could eat between 200 and 400kg of plants every day.
Brachiosaurus means arm lizard because its front legs are longer than the back.



Spike's Fact File; Spinosaurus

When did they live?

Spinosaurus' lived in the late cretaceous period around 112 million years ago. They lived near the equator in swampy lands.

Diet

Carnivore; Spinosaurus' were meat eaters. Their teeth were sharp to attack and eat other dinosaurs, and fish.

picture



Appearance

Length; 12-15 metres long

Weight; 4,000kg or more

Height; 5 metres tall

Had large bony spines on its back.

Fun Fact

Spinosaurus means spiny lizard. They were larger than a t-rex.

Their spines on their back is called a sail.



Spike's Fact File; Velociraptor

When did they live?

Velociraptors lived in the Cretaceous period around 90 million years ago.

Diet

Carnivore; Velociraptors are meat eaters. Their teeth were sharp and pointed. They ate the meat off of the leftover carcasses killed by larger dinosaurs.

picture



Appearance

Length; 2 metres

Height; 0.5 metres / 50cm

Weight; 15kg

The body of a velociraptor is thought to be the same size as a turkey..

Fun Fact

Velociraptor means swift robber.

They were much smaller in real life than those in Jurassic Park.



Spike's Fact File; Tyrannosaurus Rex

When did they live?

T-rex lived in the late Cretaceous period around 65 million years ago.

Diet

Carnivore; T-rex were meat eaters. Their teeth were sharp and slightly curved to hook into the flesh of the other dinosaurs they attacked, such as triceratops.

picture



Appearance

Length; 12 metres long

Weight; 7,000kg

Height; 6 metres tall

Long tail for balance.

Short arms. Sharp teeth.

Walked on two legs.

Fun Fact

T-rex's lived for about 30 years. Their arms were too short to eat with.

T-rex had many features similar to birds.

(your name) _____

and Spike's Fact File;



When did they live?

picture

Appearance

Diet

Fun Fact

250 million years ago

200 mya

Triassic Period

Jurassic

231 mya
First Dinosaurs

Plateosaurus



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Dinosaur Timeline

145 mya

Period

Cretaceous Period

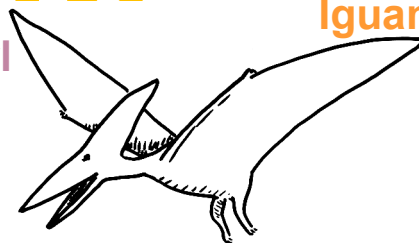
Stegosaurus

Pterodactyl

Diplodocus

Iguanodon

Spinosaurus



66 mya

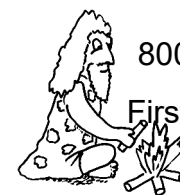
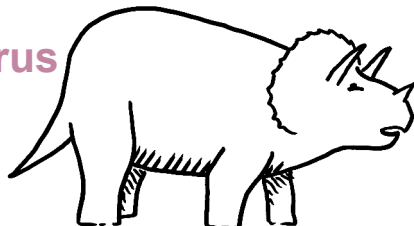
Now

After the Dinosaurs

Velociraptor

Tyrannosaurus

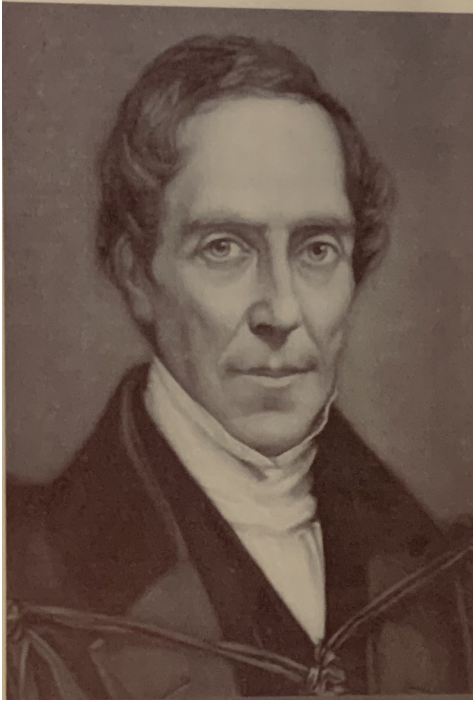
Triceratops



800,000 BC

First Humans

The Iguanodon in Maidstone



In 1834, a quarry was being excavated in Maidstone when a fossil bone was uncovered. It looked like it was from a huge animal. It was discovered that it was just one bone from part of a skeleton. This man, Gideon Mantell, was a famous palaeontologist and he heard about the discovery and came to Maidstone to see it. He bought the fossil from the quarry owner, Mr Bensted, for £25.



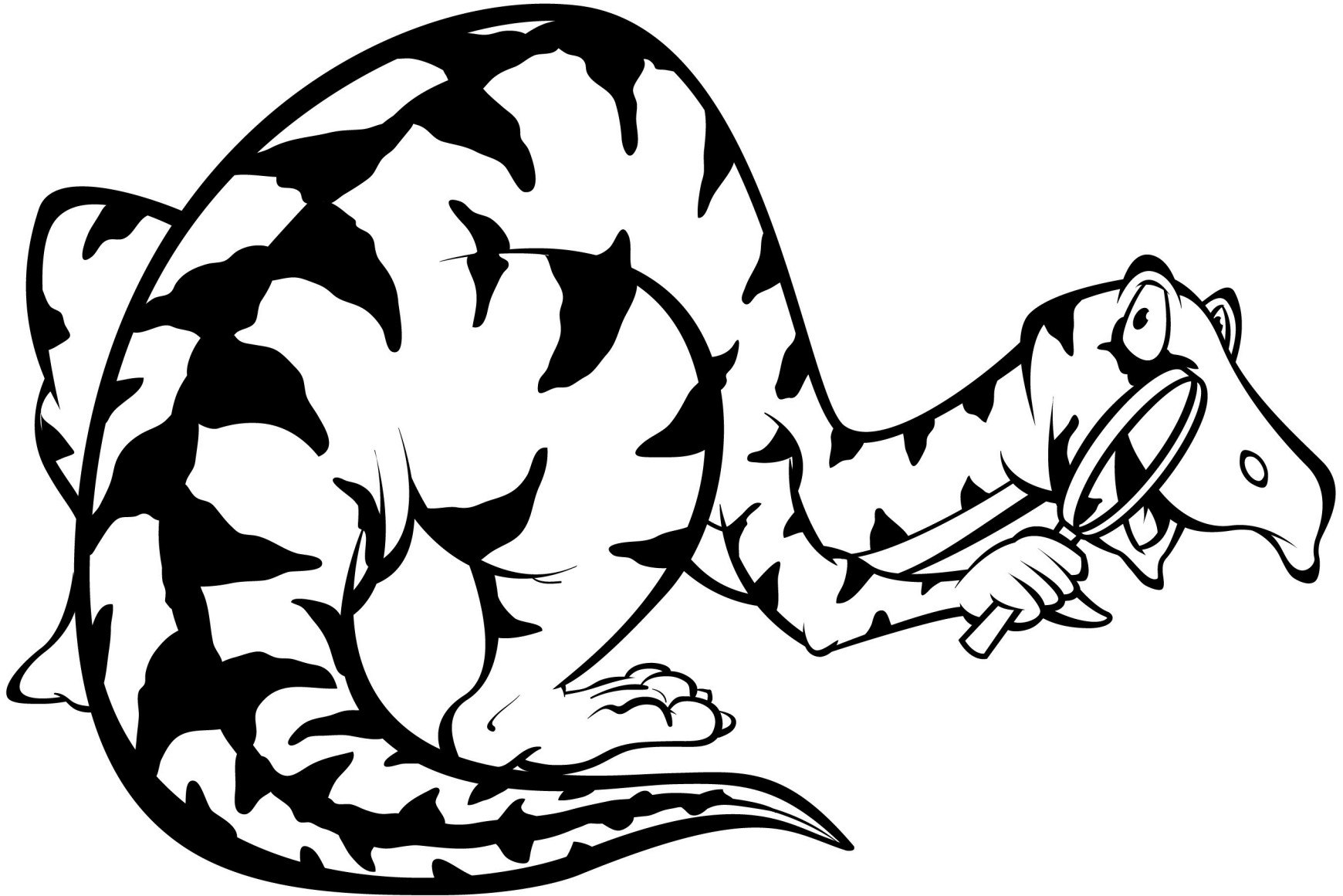
This is a cast of the iguanodon found in Maidstone in 1834. The original skeleton is in the Natural History Museum in London.

Pictures from Spike's dino hunt. Can you work out which ones they are?



Spike Colouring

Here's Spike for you to colour.



Spike Dinosaur Jigsaw

Stick this sheet to card, and then colour Spike. Will you copy his colours or make him a rainbow Spike? Next cut out the pieces and mix them up before you put them back together.



Make your own Dinosaur



Step 1. Gather your materials, you will need, half a paper plate, a toilet roll, card, scissors, glue, coloured pens and a pencil.



Step 2. Cut the toilet roll in half then make 2 slits in each half for the paper plate to slot into. These will become the dinosaurs feet.



Step 3. Use the pens to colour in the paper plate. This will become the dinosaurs body.

Make your own Dinosaur



Step 4. Cut out a tail, a head and some spikes from the coloured card.



Step 5. Decorate the feet of the dinosaur.



Step 6. Slot the body of the dinosaur into the feet. Then use the glue to attach the head, tail and spikes.

Make your own Dinosaur

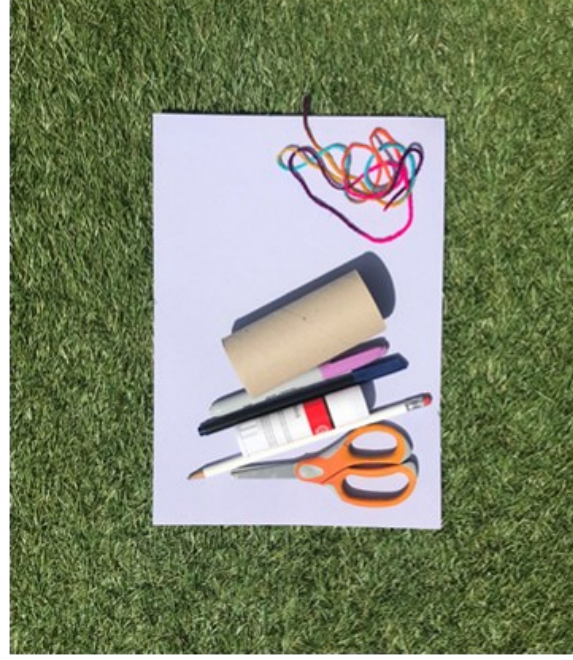


You have finished your dinosaur.

Don't forget to share with us
what you have created

#SpikeDinosAdventures

Make your own Flying Dinosaur



Step 1. Gather your materials, you will need a toilet roll, card, string, scissors, glue, colouring pens and a pencil.



Step 2. Use the pens to colour in the toilet roll.



Step 3. Cut some wings, a head and a tail out of the card.

Make your own Flying Dinosaur



Step 4. Use the scissors to make a slit at each end of the toilet roll.



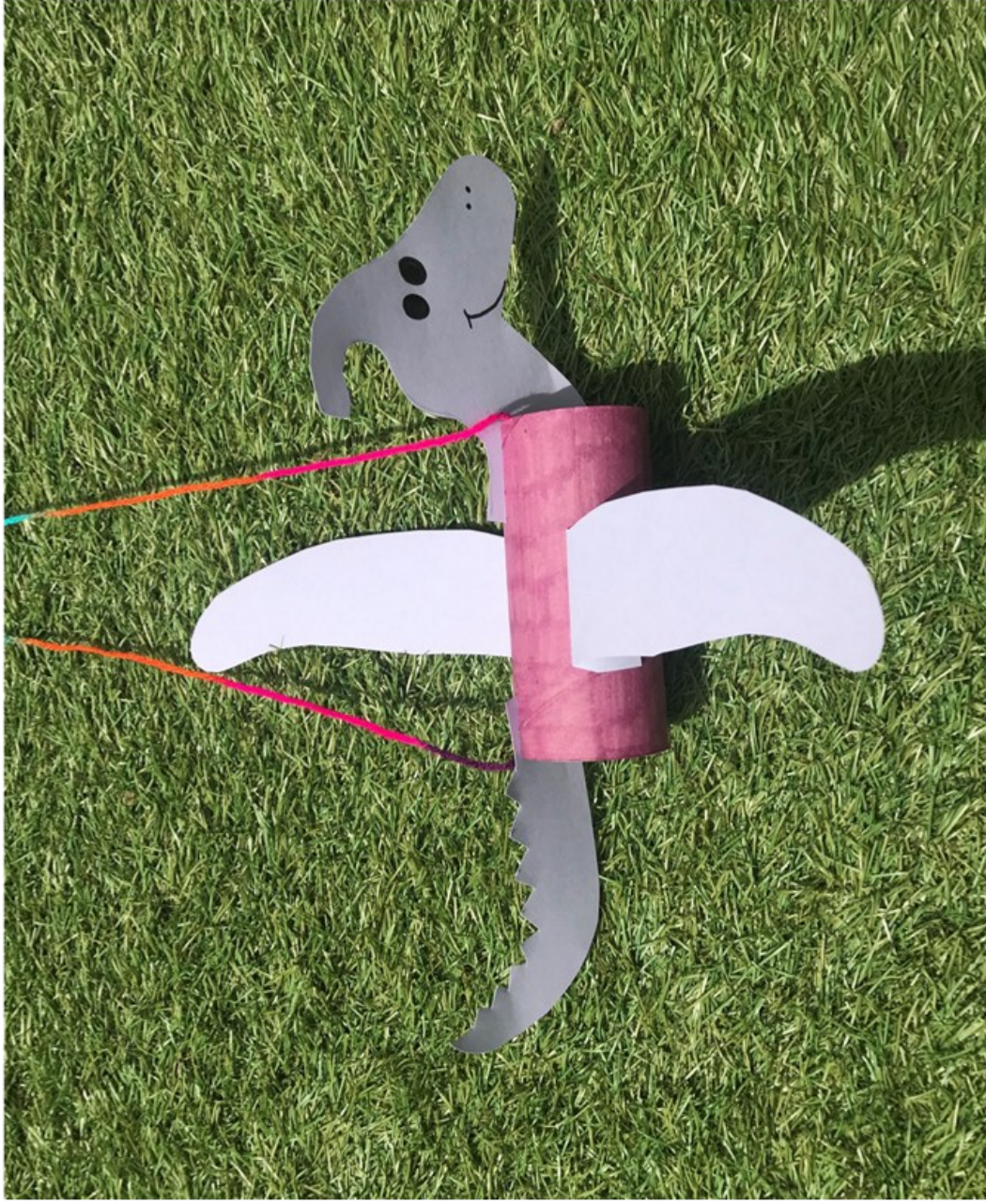
Step 5. Place the head and the tail in each of the slits.



Step 6. Use the glue to attach the wings to the side. Thread the string through the tube so you can hang it up.



Make your own Flying Dinosaur



Step 7. You have finished your flying dinosaur.

Don't forget to share with us what you have created

#SpikeDinosAdventures

For more information, help with school questions, to book school visits, or just to say hello, please contact us at
museumeducation@maidstone.gov.uk.

Thanks for reading, downloading or dipping into our resource.

Roz Meredith - Learning and Events Officer

Roz and Nat - Maidstone Museum Learning Team

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