

To all young palaeontologists, especially Clark and Luca.

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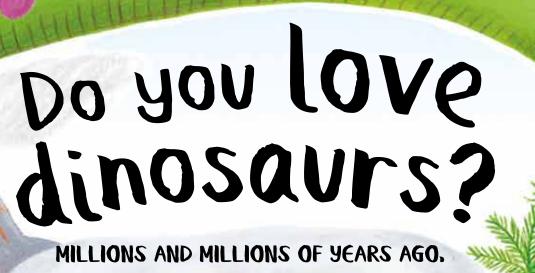
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DOYOU LOSAURS?



Matt Robertson

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before there were people, roads, cars or houses, some amazing creatures ruled planet Earth.

ROAAAARI Some were huge, taller than the tallest tree, and some were so small they looked like little birds! CHIRP! Some had ENORMOUS pointy teeth the size of your arm and many had beautiful fluffy feathers. Some were super speedy and some lumbered along sloooooowly.

Who were these FANTASTIC creatures?

Meet ... THE DINOSAURS!

But before you turn the page, here are 10 dinosaur rules you must obey:

- ◆ Never turn your back on a hungry hunter.
- ◆ Don't be scared of a Sauropod's size it can't help being a giant!
- Bow down before the amazing dinosaur king: the mighty T. rex.
- ◆ If you want to be in the veggie dino gang, then eat your greens.
- ◆ Never annoy an Ankylosaurus or you might get a nasty wallop.
- ◆ Don't make fun of the raptors, for these tiny terrors had BIG lunch plans!
- ◆ Don't forget to look down for there are dino fossils to be found.
- Premember: even the biggest baddest T. rex was once a dino egg.
- Fast or slow, don't judge a dino by the speed it can go.
- ◆ Always be nice to your neighbours they might be pterosaurs!

corsome hunters ENDINE STOMP. STOMP ...

Here come the two-legged, meat-eating terrors!

Known as THEROPODS, meaning, 'beast-footed',
they had sharp, jagged teeth and long, large claws.

They roamed FAR and WIDE across the world,
hunting down other dinosaurs to ATTACK
and eat, striking fear in the hearts of any
beasts that crossed their path.

So NEVER turn your back on a hungry HUNTER!

I had two bony crests on my skull that probably helped me attract a mate.



Dilophosaurus was as long as a Killer whale.

TINY BUT MIGHTY

Some theropods were tiny but were brilliant hunters because they were fast and fierce.



The **Compsognathus** (which means 'pretty jaw') had sharp teeth and claws, and a long tail to help it balance when attacking its prey.



Troodon (which means 'wounding claw')
was about the same height as a
two-year old, but had 122 teeth and
a hook-shaped claw on each foot.

BIGGEST

Meet ... Spinosaurus!
One of the strangest-looking dinos and the biggest hunter of them all.

Massive crocodileshaped snout

as tall as a grownup human.

A SAIL with spines



Spinosaurus was an AMAZING hunter both on land and in water. What a sight it would have made as it floated in the shallows snapping up giant fish.

Needlesharp teeth

Dagger-like

Theropods were terrific!

We meet T. rex later, the most fearsome and powerful hunter of all!

'ALLO 'ALLO!

The powerful **Allosaurus** had long arms and was small and light. It used its terrifying **hook-shaped** claws like weapons.

Allosauruses lived and hunted in packs.

The gentle giants

THAT'S NOT A TREE TRUNK, IT'S THE LEG OF A TITANOSAUR!

These leaf-eating, four-legged dinos were called Sauropods, meaning "Lizard feet". They had giraffe-like necks, chunky bodies and long, swishy tails. Travelling in herds, their footsteps probably echoed like thunder. BOOOOOM! They were truly echoed like thunder. BOOOOOM! They were truly even to walk on our planet. But these vegetarian to walk on our planet. But these vegetarian giants are thought to have been quite peaceful.

So don't be scared of a Sauropod's size — it can't help being a giant!

BIG FOOT

A **Titanosaur** footprint was found in Australia that was so big a grown-up could fit inside it!

HEALTHY DINOS

To stay healthy and strong these super-sized giants gobbled down a truckful of leaves a day! Their teeth were shaped like **giant spoons** to help them rip mouthfuls from the trees.

The Patagotitan is the biggest dinosaur ever to have lived – it was as long as a jet aeroplane!

There was a group of SUPER Sauropods that were SO enormous they were given a special name all of their own:

TITANOSAURS!

DIPPY THE DINO

The Diplodocus was a

Sauropod too. Its whip-like tail could send attackers flying over the treetops.

My head was so small it was hard to tell which end of me was which!

Ouch!

Sauropods were SUPER!

AHOY!

The **Dreadnoughtus** was named after the famous warship HMS Dreadnought, meaning 'afraid of nothing'.



the leaf loving 199185

WHAT'S THAT MUNCHING, CRUNCHING NOISE?

Leaf-eating dinos, called herbivores, came in all shapes and sizes, but they had one thing in common – they LOVED to chow down on plants.

NOM NOM NOM! Some also ate berries and fruit, and others may have nibbled on a little shellfish or two, but it was guzzling their greens that kept these dinos' tummies full and happy.

So if you want to be in the veggie dino GANG.

then eat your GREENS!

THE DUCK-BILLED DINOS

Hadrosaurs got their nickname from their duck-shaped mouths. Their mouths were so big because they had six rows of teeth to help them chew tough plants.

AQUILARHINUS

Experts named this dino 'eagle-nose shovel-chin' because of its spade-like mouth. This strange shape helped it to scoop up veg from riverbeds. MMM!

The Edmontosaurus ate leaves

by grinding its teeth instead

of chewing. Because of this,

its teeth would fall out every

two years and new ones would

grow in their place.

Everything on the menu please!

Omnivores

THE DUSTBIN DINOS

Lots of dinosaurs would eat ANYTHING and EVERYTHING

- meat, fish, leaves, berries, eggs, insects. If it could

be eaten, it went down the hatch!

ORNITHOMIMUS

This toothless dinosaur looked like a bird and had a beak that looked like scissors. CHOP!

HETERODONTOSAURUS

This dino had different sets of teeth for munching different foods.

I love eating ferns!

BRRRM!

The **Nigersaurus**had a vacuum-shaped
mouth and a long neck
to reach yummy greens
on the ground.

CHOMP!

Pine needles and cones? YUMMY!
Hadrosaurs would crush them up with their strong teeth. Easy peasy!

The Psittacosaurus had self-sharpening teeth in its cheeKs!

The veggie dinos were green machines!