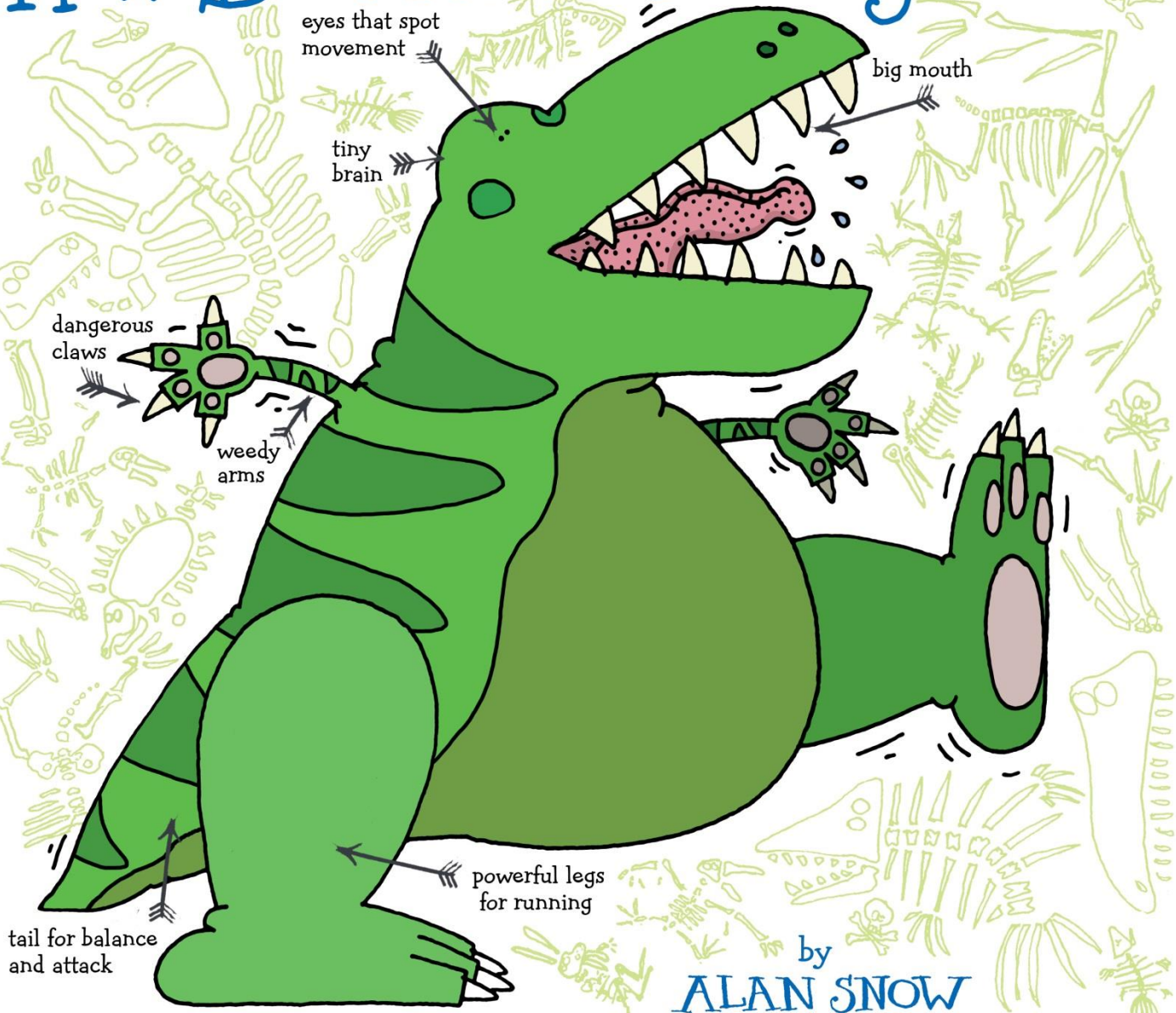


# How Dinosaurs Really Work!



# WHAT DID DINOSAURS LOOK LIKE?

Our ideas of what dinosaurs looked like come mostly from fossils. These were made when dead dinosaurs became trapped in mud and were slowly buried. Over time the soft parts rotted away, but the bones turned to stone.

When early fossils were discovered, people often didn't know which part of the dinosaur they had found. One man thought he had found a horn from a dinosaur's nose—but he had actually found its thumb!

What do you think, Bill, is it a leg?

I don't know, George, it could be an arm.



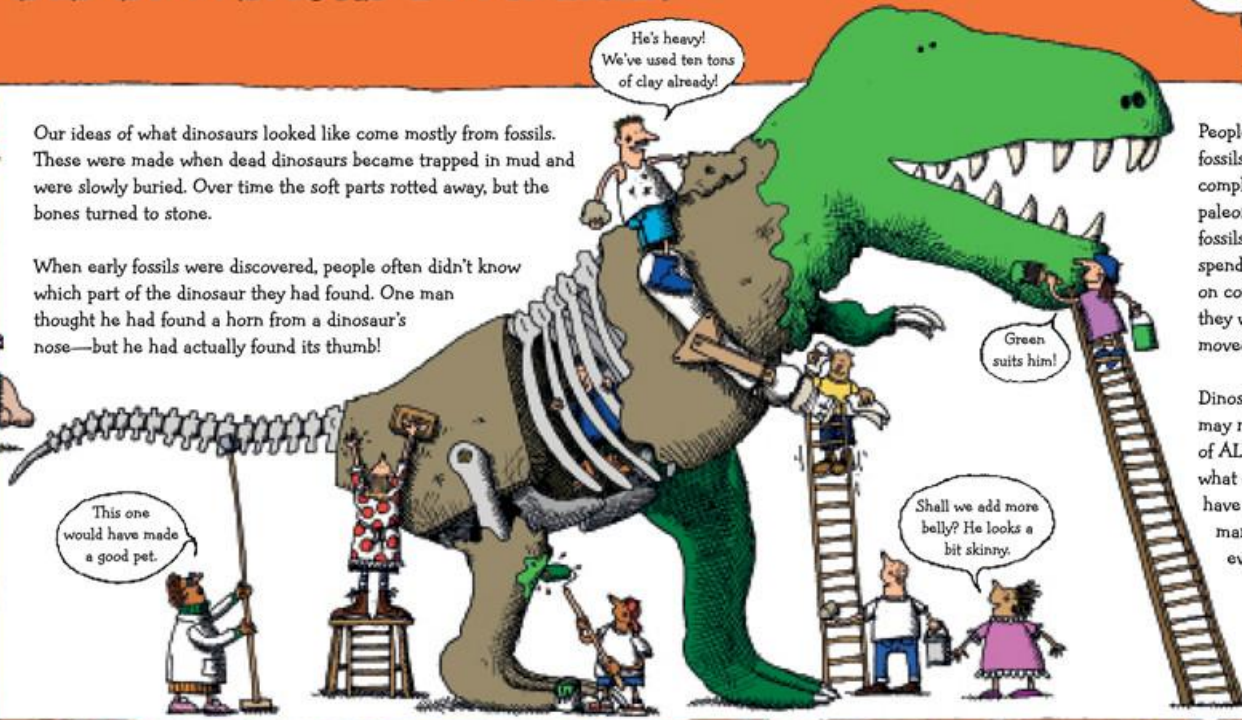
Mary Anning was one of the greatest early fossil hunters. She discovered the first Ichthyosaur when she was only twelve years old.

People began to study dinosaur fossils and imagine how the complete creature would look. Today paleontologists (people who study fossils and the nature of dinosaurs) spend a lot of time modeling dinosaurs on computers, trying to work out how they would have looked and even moved.

Dinosaur fossils are very rare, so we may never know the shapes and types of ALL dinosaurs. We also don't know what color dinosaurs were; they might have needed camouflage to hide or markings to attract a mate—or even to scare off other dinosaurs!

Mary, stop digging up the garden!

But look, Dad!



He's heavy! We've used ten tons of clay already!

Green suits him!

Shall we add more belly? He looks a bit skinny.

This one would have made a good pet.

Help! I'm sinking.

Hold on! We'll get you out.

I like the red one.

Oh, no, I love purple.





# TRICERATOPS (try-SAIR-uh-tops)

Triceratops means  
THREE-HORNED  
FACE



I'm cool, man.

Too high!



Triceratops was a three-horned dinosaur with a huge protective plate over its head. It had one of the largest skulls of any land-dwelling animal. Triceratops used its head to defend itself, as well as to attract mates. Its head may even have helped it to keep cool! Despite having this protective armor, its skull may have been too delicate for it to charge at other dinosaurs.

Triceratops lived at the same time as Tyrannosaurus Rex, but it wasn't as bright. In fact, it wasn't even as bright as a crocodile.

**DINO FACTS**  
WEIGHT: 8 TONS  
HEIGHT: 10 FEET  
LENGTH: 30 FEET

Triceratops ate ferns and other low-growing plants.

Aha! Just right.



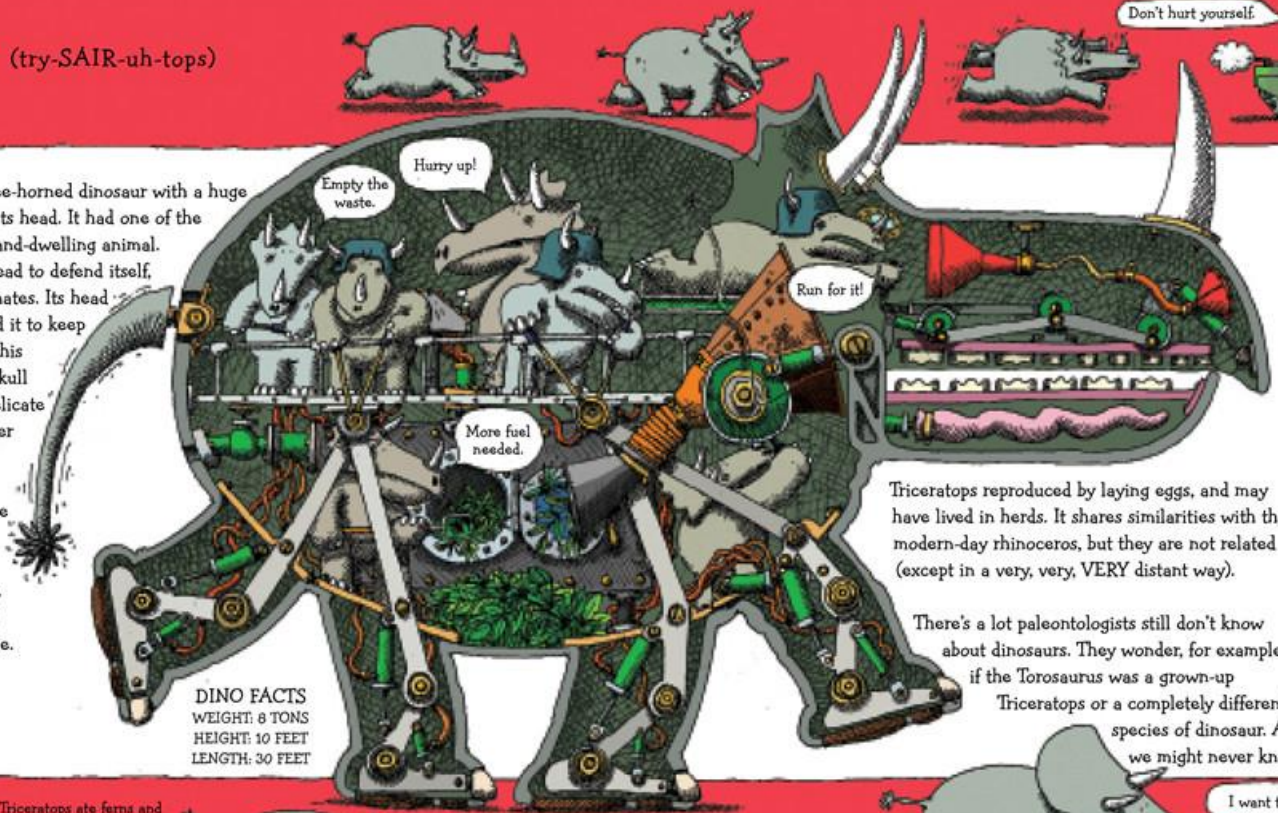
Hi! Are you my cousin?

No, I am not!



I want to be a Torosaurus too.

You may be!



Triceratops reproduced by laying eggs, and may have lived in herds. It shares similarities with the modern-day rhinoceros, but they are not related (except in a very, very, VERY distant way).

There's a lot paleontologists still don't know about dinosaurs. They wonder, for example, if the Torosaurus was a grown-up Triceratops or a completely different species of dinosaur. And we might never know!

Don't hurt yourself.



## DINO JOKE

What do you get if you cross a Triceratops with a kangaroo?

Tricera-HOPS



That's my egg!





# TYRANNOSAURUS REX

(tye-RAN-uh-SAWR-us)



Tyrannosaurus means TYRANT LIZARD. Rex means KING.



Tyrannosaurus Rex is often known by its nickname: T. rex. It is one of the biggest carnivores that has ever lived and weighed more than four small cars. Its jaws were so strong that it would probably have been able to chomp down on a medium-size tree. But it probably wouldn't have ever done so—this dinosaur DEFINITELY preferred tasty meat. It could eat 550 pounds of meat in one bite! It is thought to have lived by hunting and scavenging for dead animals.

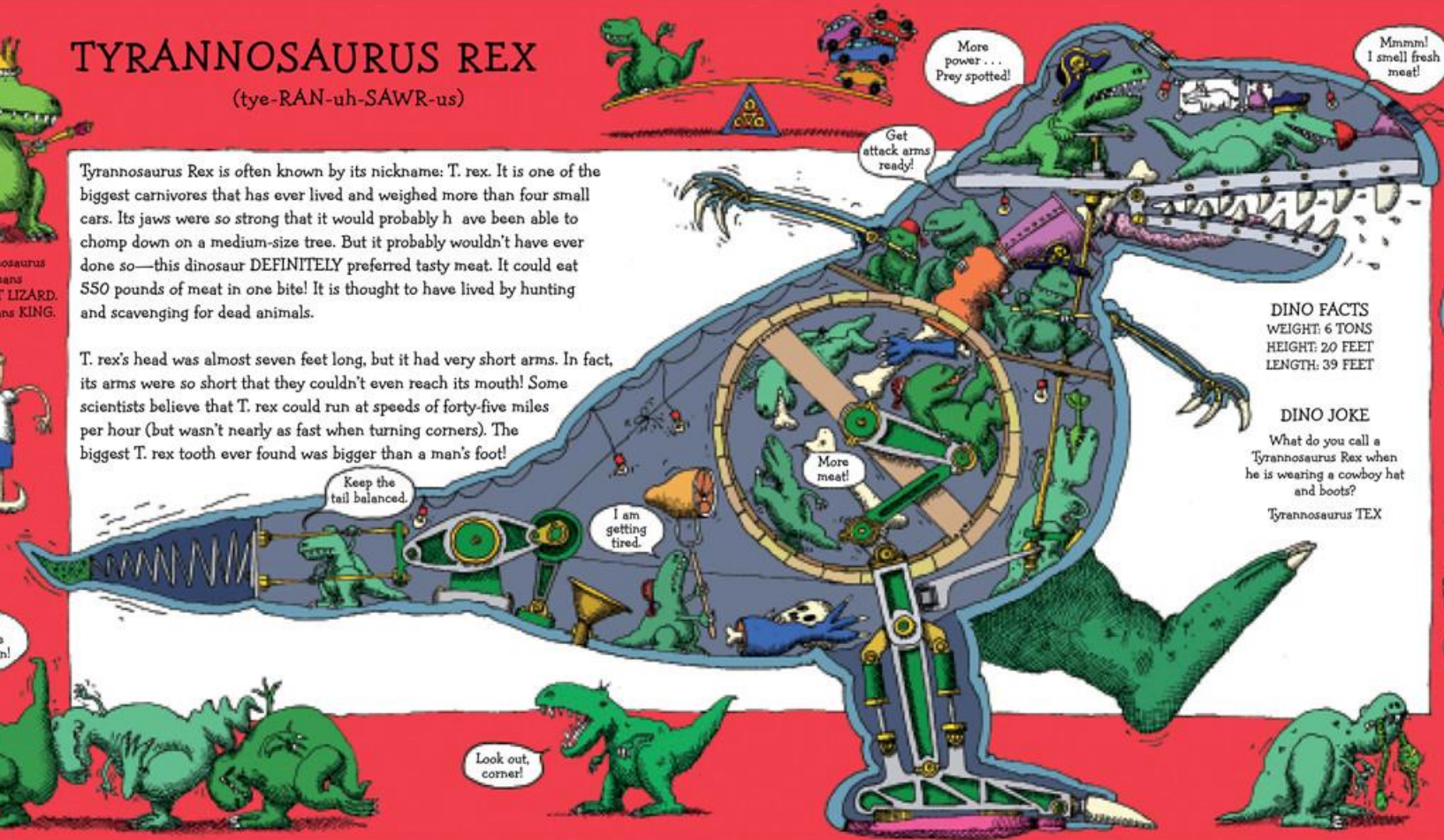
T. rex's head was almost seven feet long, but it had very short arms. In fact, its arms were so short that they couldn't even reach its mouth! Some scientists believe that T. rex could run at speeds of forty-five miles per hour (but wasn't nearly as fast when turning corners). The biggest T. rex tooth ever found was bigger than a man's foot!

**DINO FACTS**  
WEIGHT: 6 TONS  
HEIGHT: 20 FEET  
LENGTH: 39 FEET

### DINO JOKE

What do you call a Tyrannosaurus Rex when he is wearing a cowboy hat and boots?

Tyrannosaurus TEX



Oh, no!  
Missed the corner again!

Look out,  
corner!

Keep the  
tail balanced.

I am  
getting  
tired.

More  
meat!

Get  
attack arms  
ready!

More  
power . . .  
Prey spotted!

Mmmm!  
I smell fresh  
meat!

