

Million years ago, huge dinosaurs roamed Earth. However, giant dinosaurs are now extinct. No more of dinosaurs can be found on Earth today. You may have chance seen dinosaur bones in a museum and study them to get more about dinosaurs. Some scientists, called paleontologists, are searching the world for ancient remains, for example, the giant bones or footprints left behind by dinosaurs. You, too, are going to dig up the skeleton pieces of T.Rex. Then follow the detailed instruction to build a giant T.Rex and learn how the structure of the mega-skeleton works.



## T.REX

The Most Dangerous Dinosaur

**Roar!** Just say the word "tyrannosaur" and most people immediately picture the king of dinosaurs, Tyrannosaurus Rex. (The Tyrannosaurus rex is called T. rex for short.)

No matter who you are, you can't deny the fact that T. Rex is the most famous dinosaur. Ever since its discovery, Tyrannosaurus has been a staple in the dinosaur community. They don't call him the king for nothing. It was one of the largest meat-eaters to ever live. This mighty dino was built to eat another dinosaur! T. Rex could munch 500 pounds (227 Kilograms) of meat in one bite! Its jaws were strong enough to crush bone. It also had long, sharp teeth. Each one was about 6 inches (15 centimeters) long and had jagged edges. Just like a steak knife! It used them to grip and cut in to its prey.

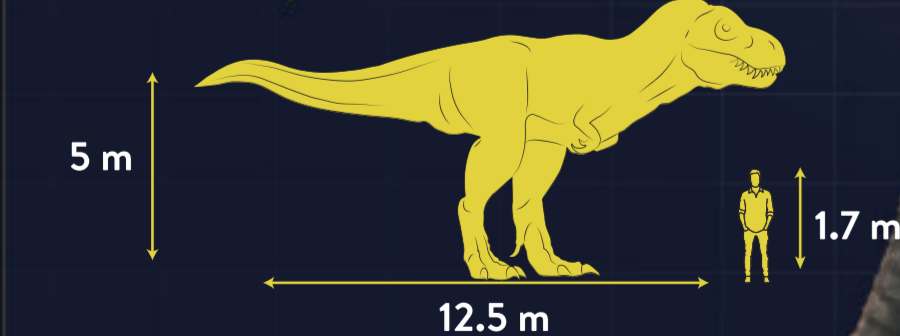
### Greatest T.Rex Discovery- Dino Named Sue

Paleontologists usually find bits and pieces of dino skeletons-just a bone here and there. Then they try to put the dinos back together, it's like trying to solve a jigsaw puzzle with lots of missing pieces. But that wasn't the case with a Tyrannosaurus rex specimen found in South Dakota in 1990. It's named Sue after the paleontologist Sue Hendrickson, who discovered it. It's one of the largest, best-preserved, and most-complete T.rex fossils ever found! Its bones weigh 2 tons, and its skeleton measures 40.5 feet long and 13 feet tall!

#### Physical Description

<b>Genus</b> Tyrannosaurus Osborn, 1905	<b>Length</b> 12.5 metres	<b>Weight</b> 7000kgs
<b>Family</b> Tyrannosauridae	<b>Height</b> 5 metres	<b>Movement</b> Walk/Swin
	<b>Max Speed</b> 27 kmph	<b>Dietary Type</b> Carnivore

#### Comparison to Human →



Dig Mega-skeleton.

Assemble a GIANT T.REX skeleton.

# GIANT T.REX DIG SITE

## STUDYING THE PAST



## ASSEMBLY INSTRUCTIONS

Time to Build a Giant T.Rex and Learn how the structure of the mega-skeleton works!

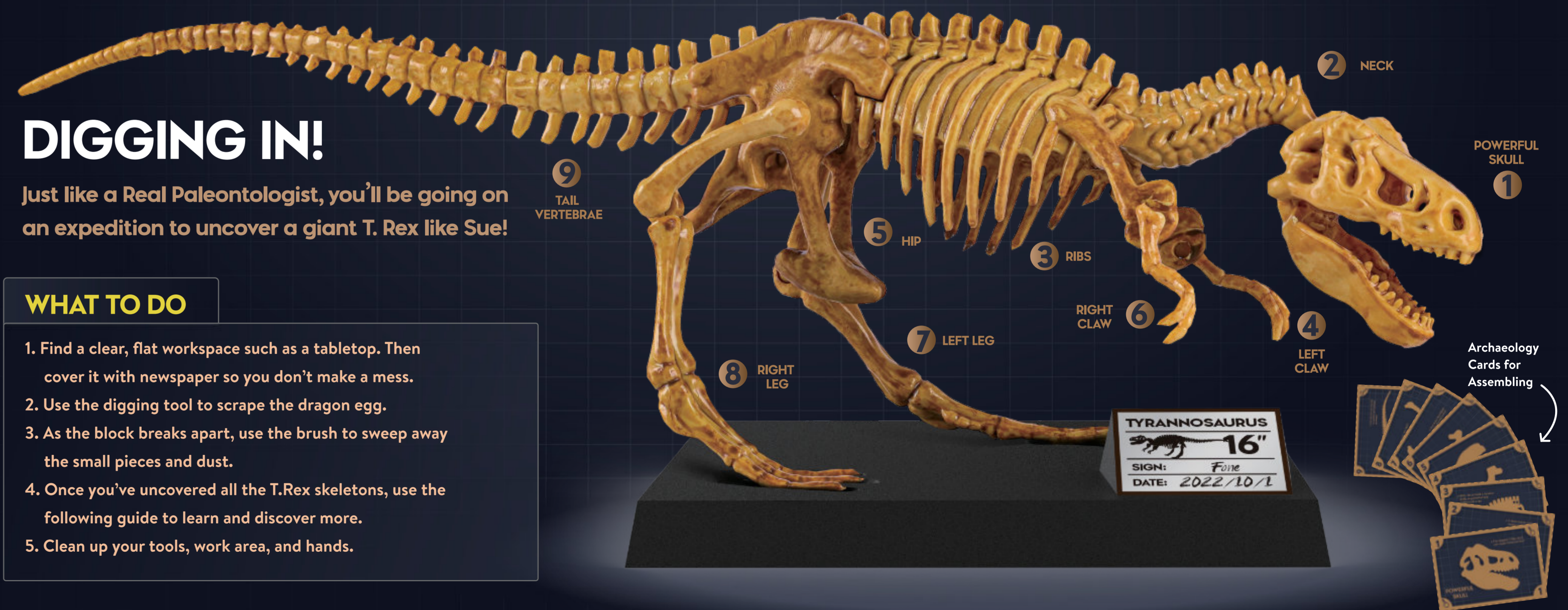


## DIGGING IN!

Just like a Real Paleontologist, you'll be going on an expedition to uncover a giant T. Rex like Sue!

### WHAT TO DO

1. Find a clear, flat workspace such as a tabletop. Then cover it with newspaper so you don't make a mess.
2. Use the digging tool to scrape the dragon egg.
3. As the block breaks apart, use the brush to sweep away the small pieces and dust.
4. Once you've uncovered all the T.Rex skeletons, use the following guide to learn and discover more.
5. Clean up your tools, work area, and hands.



Archaeology Cards for Assembling