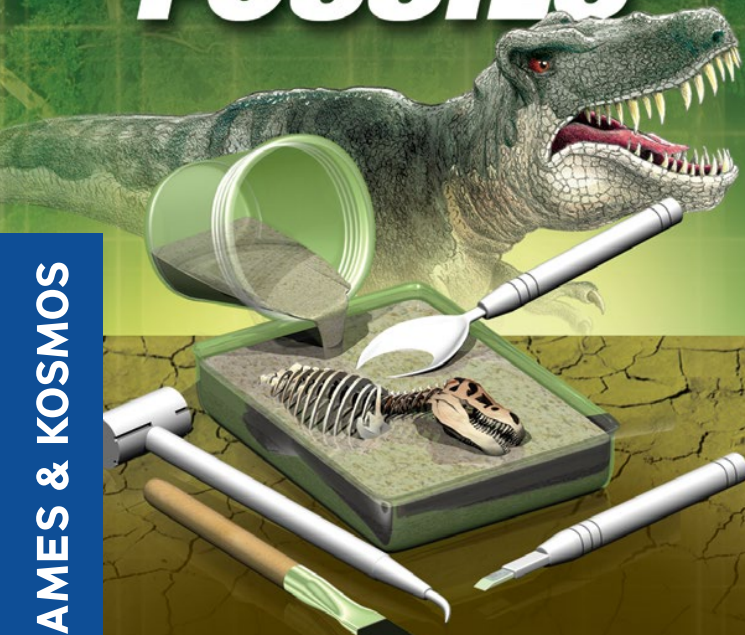


# DINOSAUR FOSSILS



THAMES &amp; KOSMOS



**Warning!** — This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

# Giant of the Past

He is today's most famous dinosaur: *Tyrannosaurus rex*. No human has even seen a living dinosaur. Dinosaurs died out 60 million years before the first prehistoric men appeared. Everything that we know about them has been deduced from fossil remains found by researchers of prehistoric animals, who are known as paleontologists.

The enormous bones of these gigantic animals have been preserved in stone in many locations, where they can be dug up, assembled into a skeleton, and displayed in museums. This kit introduces you to the fascinating work of paleontologists.

## Contents



- 1 Plaster, white
- 2 Plaster, brown
- 3 Mold
- 4 Safety Goggles
- 5 Chisel
- 6 Spoon

- 7 Hammer
- 8 Paintbrush
- 9 Sponge
- 10 Rib cage, right
- 11 Rib cage, left
- 12 Tail

- 13 Leg, left
- 14 Arm, left
- 15 Leg, right
- 16 Arm, right
- 17 Lower jaw
- 18 Skull (2-part)

3. Now you can work through the plaster block piece by piece and uncover all of the skeleton parts. You can consult the picture on page 1 to check if any pieces are still missing. You will still have to carefully clean the excavated pieces so there isn't any plaster residue stuck to them (including in their hollow spaces). Use the paintbrush and the narrow hook at the rear end of the hammer for this.





4. Finally, clean your fossil skeleton pieces and remove any last dust particles in a bucket or bowl using a sponge and some water. You can also do this under running water. Close the drain of the sink so you don't lose anything down the drain! Then it's best to let the pieces air-dry on a piece of newspaper or paper towel before assembling them. Don't forget to clean up your work area and wash your hands (especially before eating or drinking).

## 12 *T. rex* – The Tyrant Lizard King

Once upon a time, there was an enormous animal stomping around the landscape in what we now call North America. Standing erect, this dinosaur was six meters tall — three times the height of a human!



His entire body reached up to 14 meters long. The powerful skull alone measured about one and a half meters, and the teeth in its mouth were 15 centimeters long and razor-sharp. It's no wonder that the researchers who studied his remains around 68 million years later gave him the name *Tyrannosaurus rex* – meaning “tyrant lizard king” in latin.

He was one of the largest carnivores ever to walk on Earth. He might have been a good hunter, because he possessed a good brain (in dinosaur terms) and capable senses. In contrast to other dinosaurs, he may well have had depth perception. But we don't know whether he attacked his prey openly or ambushed them from a well-disguised hiding place. And there are some researchers who consider him to have been a scavenger — that