



Exhibition Fact Sheet

About *T-Rex Revealed* – The Augmented Reality Experience

Welcome to the world's first 'invisible' dinosaur exhibition! No bones, no fossils, a pure immersive augmented reality (AR) experience as we debunk myths and reveal what is actually known about the most famous carnivorous dinosaur, *T-Rex*.

Blurring the line between what's real and what's computer generated, we bring you right into the world of dinosaurs, as you discover fascinating facts about how the *T-Rex* lived, played and fought for dominance some 66 million years ago.

T-Rex Revealed comprises the main exhibition and four mini exhibition stations. Simply download the AR APP from <http://www.natgeo.com.cn/dino> or use the tablets provided to go on a myth-busting journey with us!

Main Exhibition

We bust 4 big myths about *tyrannosaurs* in this main section of the exhibition.

Myth 1 – Tyrannosaurs were all invincible!

Myth busted – NO, early relatives of *T-Rex* like *Dilong* (from the Chinese characters 'di' meaning emperor and 'long' meaning dragon) were only the size of a large dog so was an easy meal for larger predators including *tyrannosaurs* such as *Yutyranus*! Just because you are family doesn't mean you don't eat each other!

Myth 2 – Tyrannosaurs were lousy and unfeeling parents!

Myth busted – NO, despite their fierce reputation, *T-Rex* parents were protective with the *T-Rex* mother affectionately brooding her eggs, keeping them at just the right temperature so they will hatch and defending them against attack by predators. Like human parents, *T-Rex* parents did not abandon their young at birth.



Myth 3 – T-Rex was not the savage predator we see in the movies!

Myth busted – NO, we have fossil evidence – including a *T-Rex* tooth found wedged into the spine of a *duck-billed dinosaur* - that shows that *T-Rex* hunted, fought, killed and ate other dinosaurs. With teeth like steak knives and one of the most powerful bites of any creature that walked the Earth, *T-Rex* was without a doubt, a dinosaur king, an apex predator of his time.

Myth 4 – T-Rex was never a scavenger!

Myth Busted – NO, like many opportunistic meat-eating animals, *T-Rex* hunted at times, and at other times feasted on prey that had either died of natural causes or had been killed by other dinosaurs. Studies of *T-Rex* skulls reveal that its brain had large olfactory lobes suggesting that *T-Rex* could catch the scent of rotting carcasses, even if they were located far away for it.

Mini Exhibition

Did you know....

Tyrannosaurs were smart, but not as smart as you!

Tyrannosaurs were not so fast, but they are still faster than the fastest man alive!

Tyrannosaurs would have been happy living in Southern China's climate! Imagine a *T-Rex* roaming around Hong Kong, Macau or Zhuhai!

Large *Tyrannosaurs* like *T-Rex* lived only to about 20 years old! To grow up this quickly, *T-Rex* had to pile on 2kg of weight each day!

Tyrannosaurs were not completely scaly, they had feathers that looked similar to your hair!

Find out more fast facts about *Tyrannosaurs* at the *T-Rex Revealed* mini exhibition stations.



Dino Skeleton

Also included in the exhibition are two museum quality replicas of dinosaurs, complete skeletons of a 8m long duckbill like *Edmontosaurus*, which was one of *T-Rex*'s favorite foods and a 6m long *Albertosaurus*, its *tyrannosaur* relative. *Albertosaurus* and *T-Rex* were some of the last dinosaurs to have ever lived before a catastrophic asteroid impact - along with massive long-term volcanic eruptions - caused their total extinction.

About the Dino Academy

Everything you ever needed to know about the incredible world of dinosaurs! NGC's *Dino Academy* provides unique learning resources and experiences to enhance the understanding of the exhibition for parents, families, students and children. All materials – from the *Teachers' Guide* to specially designed worksheets for Primary, Junior Secondary and Senior Secondary students – are all available free, downloadable from the exhibition website <http://www.natgeo.com.cn/dino>

Additionally, special fun activities such as dinosaur egg hunts will be scheduled at each venue suitable for all members of family!

Dino Academy Guided Exhibition Experiences

Our Dino Ambassadors will be conducting special 'guided' tours for schools and the public which comprise time spent visiting the *T-Rex Reveal* exhibition and *Dino Academy* Activity Zone as well as studying the two complete dinosaur skeleton replicas- a 8m long duckbill like *Edmontosaurus*, and a 6m long *Albertosaurus*, its *tyrannosaur* relative *Albertosaurus*.



About 'Back to the Jurassic' Broadcast AR Experience

Fancy playing with a giant *Diplodocus* or stroking a plant eating *Iguanodon* and having it all captured in a photo? Now you can!

Get up close and personal with your favorite dinosaurs as they eat, drink and fight! In the most realistic 3D experience to date, 'Back to the Jurassic' features nine different life-sized dinosaurs in full soundscape for a unique interactive experience.

About the Dino Pop-Up Store

Continue your dinosaur adventure by visiting our *Dino Pop-Up Store* which is filled with scientifically accurate dinosaur toys and replicas. Over a hundred different dinosaur items to choose from!