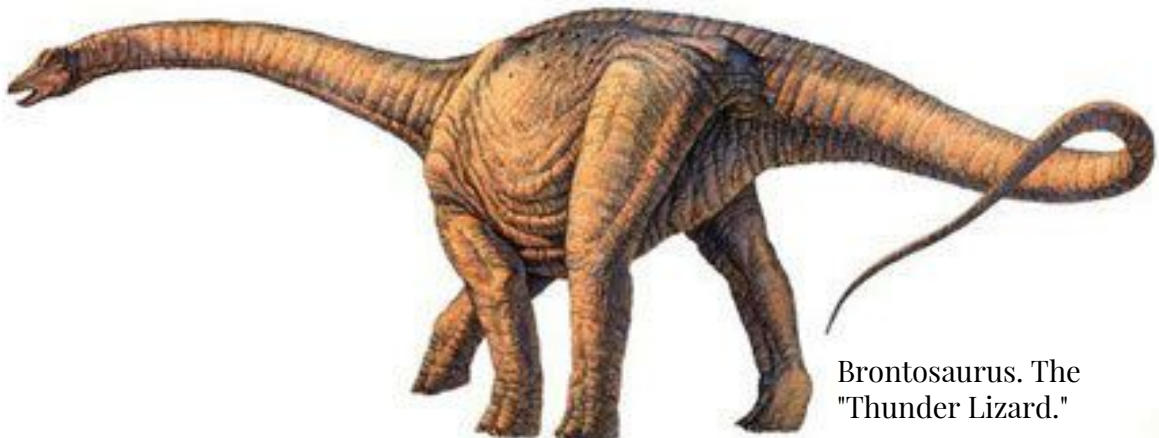


FACTS ABOUT DINOSAURS

- Dinosaurs walked the earth for over 165 million years.
- They lived during a period of time known as the Mesozoic Era, or Age of Reptiles.
- The word dinosaur means terrifying lizard. This name was invented by Sir Richard Owen in 1842.
- Dinosaurs are classified as reptiles. They are divided into two groups based on the structure of the hip. One group has lizard-like hips and the other group has bird-like hips.
- Most paleontologists, scientists who study dinosaurs, believe that birds are the only surviving dinosaurs. So dinosaurs aren't really extinct because their descendants are still living.

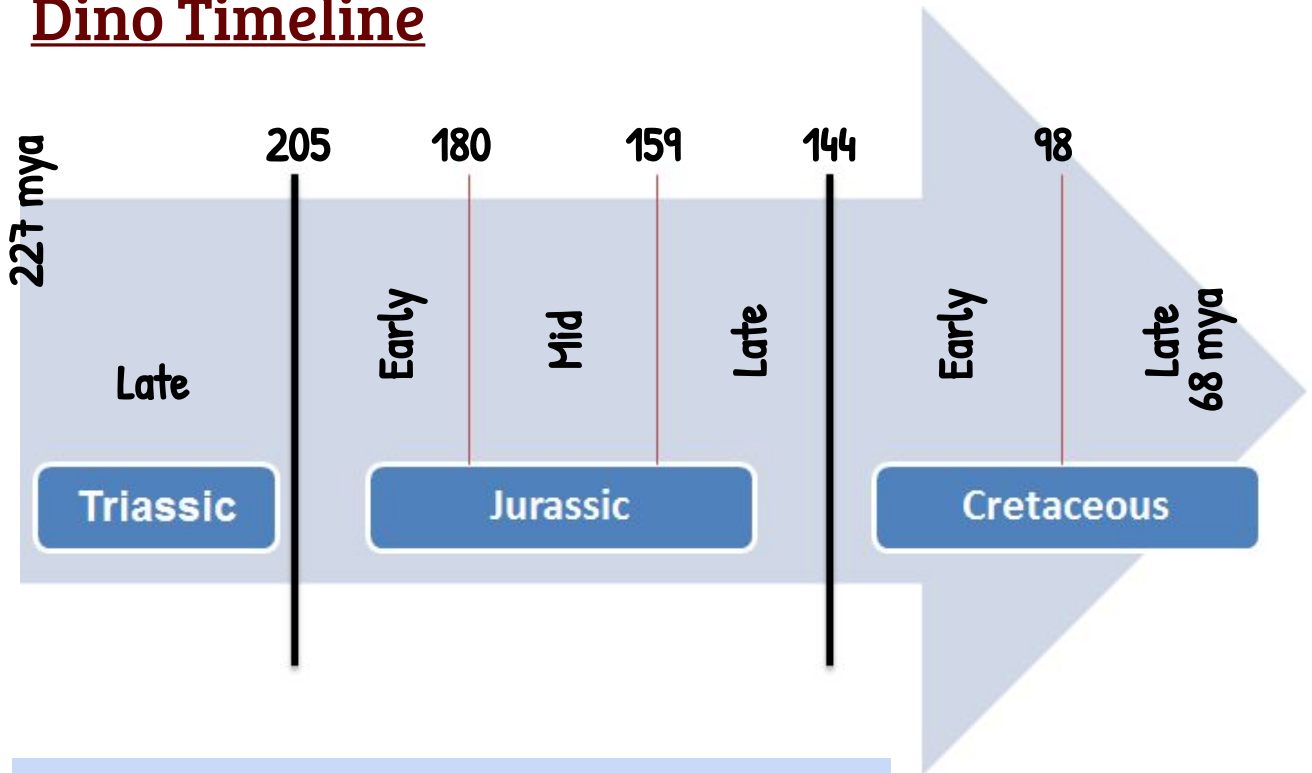


Brontosaurus. The "Thunder Lizard."

The first dinosaurs appeared around 225 million years ago in a time known as the **Mesozoic Era**. Scientists divide this era into 3 periods: the **Triassic**, **Jurassic** and **Cretaceous**.



Dino Timeline



Would you identify some of them according to their periods?

Triassic

Jurassic

Cretaceous

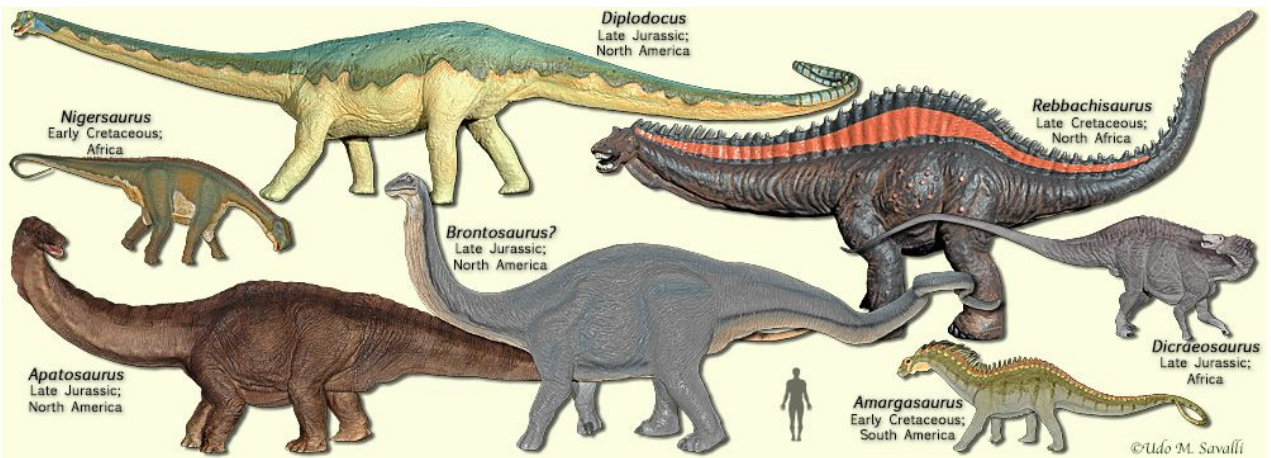
Source: dinoworld.mpage.de/eoraptor.html



For the past twenty years, **Eoraptor** has represented the beginning of the Age of Dinosaurs. This controversial little creature—found in the roughly 231--million--year--old rock of Argentina—has often been cited as the earliest known dinosaur. But latest find shows:

Named **Nyasasaurus parringtoni**, the roughly 243--million--year--old fossils represent either the oldest known dinosaur or the closest known relative to the earliest dinosaurs. The find was announced by University of Washington paleontologist Sterling Nesbitt and colleagues in *Biology Letters*, and I wrote a short news item about the discovery for *Nature News*.



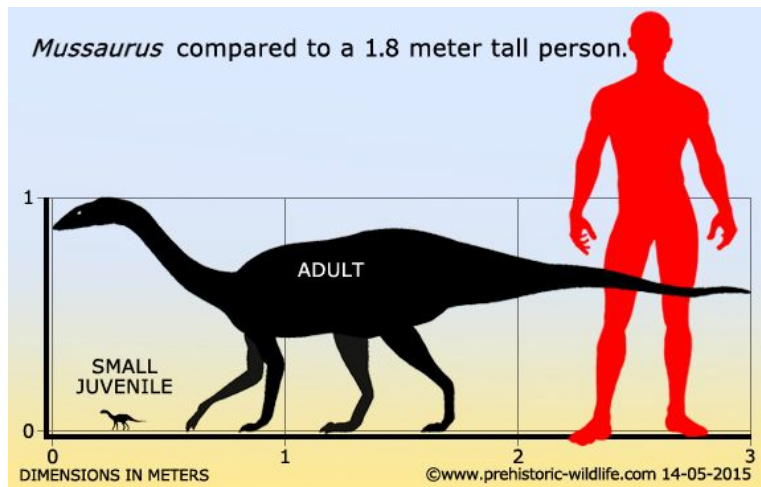


SAUROPODS - Sauropods (meaning "Lizard-Footed") were an infraorder of large, four-legged, herbivorous dinosaurs. They had very long necks, small heads with blunt teeth, a small brain, and long tails for counterbalancing their necks. They had large guts, which were necessary for digesting huge amounts of plant material. They walked relatively slowly on four short, thick, five-toed legs. Their nostrils were located on the upper parts of their skulls, sometimes very close to the eyes.

The biggest dinosaurs were over 100 feet long and 50 feet tall. They are called Sauropods. The smallest dinosaurs were called mussaurus, or "mouse lizard."



Just because it is called the smallest dinosaur, Mussaurus are still larger than humans.



Since paleontologists could not tell the exact images of dinosaurs through their bones, the job of Paleoart Masters are to attempt to reconstruct or depict prehistoric life according to the current knowledge and scientific evidence at the moment of creating the artwork.



This time, challenge is... **DRAW YOUR OWN DINOSAUR.**

Name of Dinosaur: _____

A large, empty rounded rectangular box with a thin black border, intended for drawing a dinosaur.

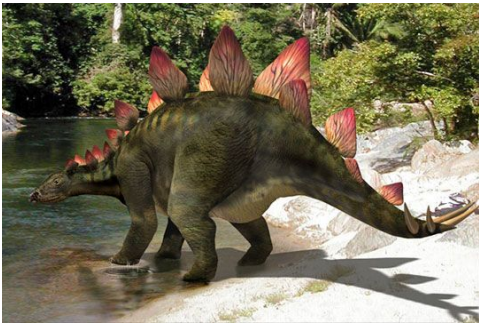
Identify whether these dinosaurs are carnivores or herbivores.

CARNIVORES - Meat-eating dinosaurs

HERBIVORES - Plant-eating dinosaurs



Tyrannosaurus Rex



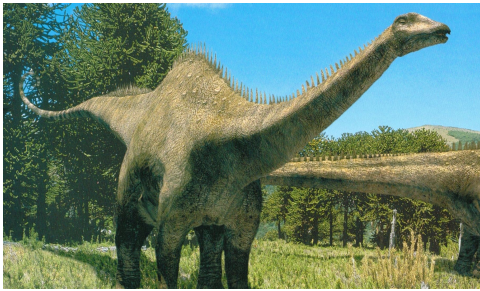
Stegosaurus



Velocisaurus



Concavenator



Diplodocus



Euoplocephalus



Epidexipteryx



Brachiosaurus



Some dinosaurs were carnivores, meat-eaters, and some were herbivores, plant eaters. Some walked on two legs, while others walked on all four legs. Some had horns and spikes, others had thick bumpy skin, and some even had feathers.