DYSLEXIC ADVANTAGE KIDS!

MAY 2016

Dyslexic MIND Strengths and Dino Exploration

Are You Dinosaur GENIUS?

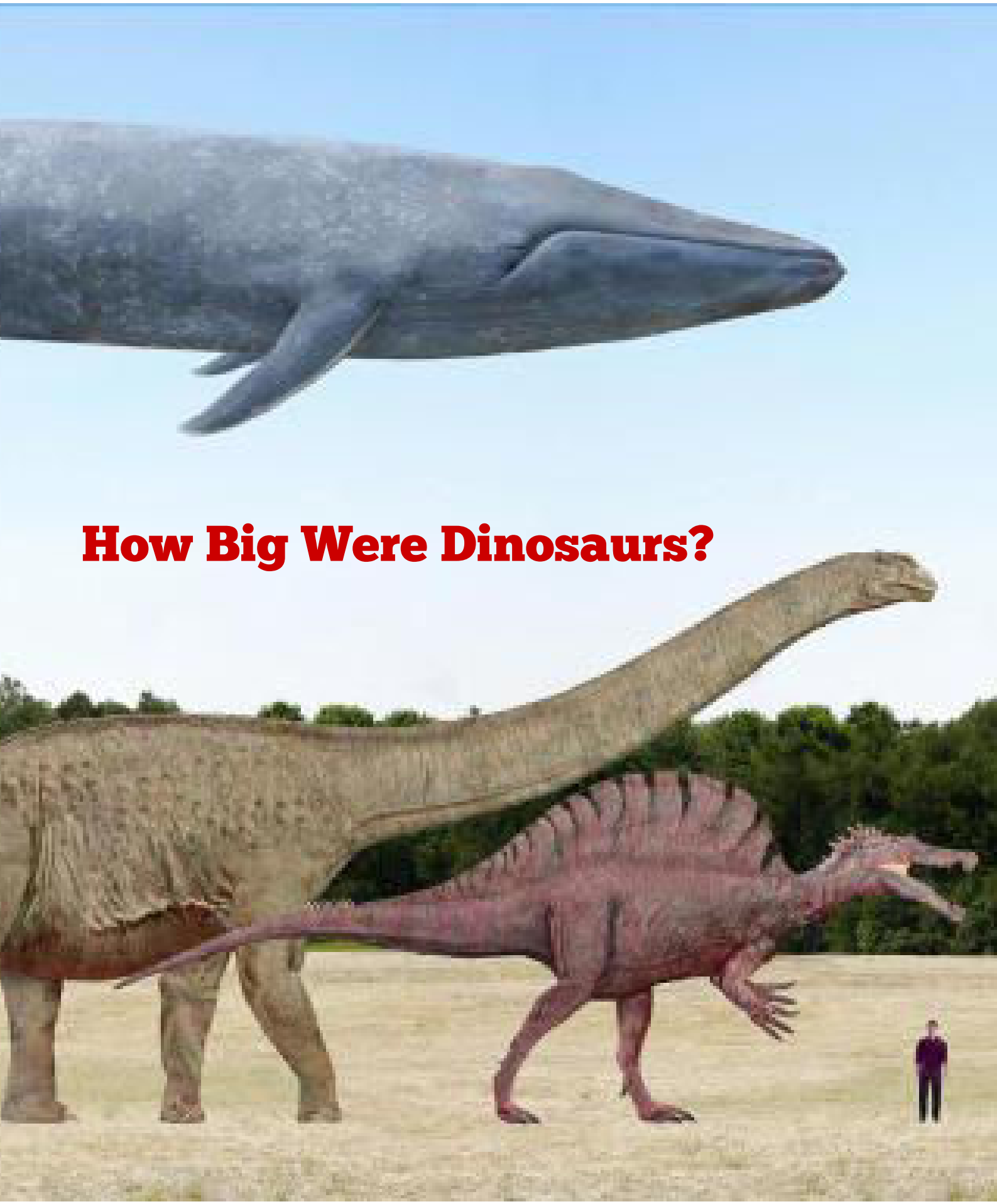
Meet Jack Horner

INDOMINUS Smackdown!

This ISSUE

http://sameerprehistorica.deviantart.com

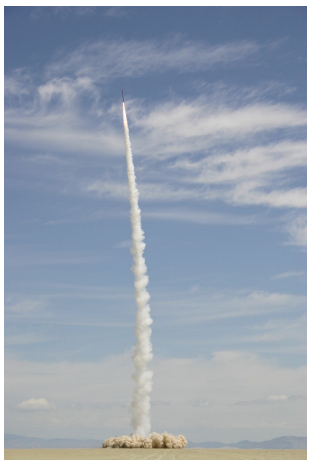
How Big Were Dinosaurs?



MEET JACK HORNER

Jack's Story

What Jack Built (in High School)...



A rocket that went above
30,000 feet

A Van der graaf generator . Click to see what it does!

Jack found a nest with 15 duck-billed dinosaurs in 1978.

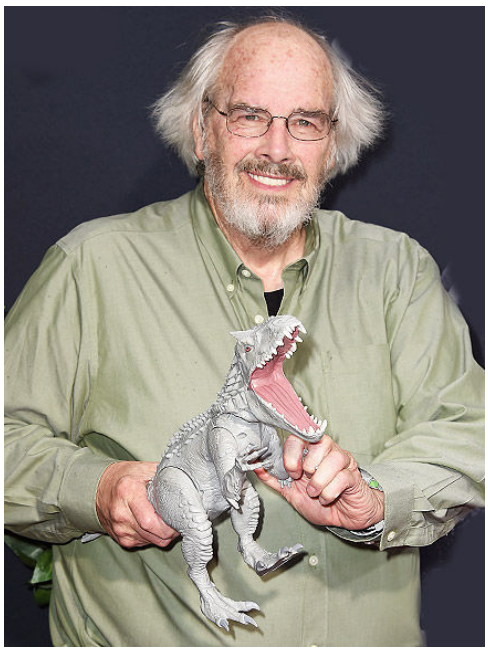
DO YOU Have what it takes to be a Dinosaur Explorer?

Curiosity

Problem Solving

Spatial Thinking

Imagination



Did You Know?

The Jurassic Park movies were based on the real life Dino Expert Jack Horner. Jack credits dyslexia as one of the reasons for his success.

The Museum of the Rockies and Montana State University have been Jack's home for over 30

School was hard for Jack because of his dyslexia, but he loved science and had a great imagination. Today, he is one of the greatest dinosaur experts in the world. The dinosaur expert in the Jurassic Park movies was based on him.

Dyslexic MIND Strengths and Dinosaur Exploration

M-Strengths: Material Reasoning - reasoning through physical materials like bones, fossils, and rocks. Being able to reconstruct creatures and their habitats from bits and pieces of prehistoric material.

I-Strengths: Interconnected Reasoning - ability to connect information together and see how difficult pieces of information relate. Interconnected reasoning helped scientist recognize the link between dinosaurs and birds.

N-Strengths: Narrative Reasoning -reasoning, learning, and communicating through personal experiences. When Jack was a boy, he created miniature ecosystems in his backyard and dug a trench to represent the inland sea.

D-Strengths: Dynamic Reasoning - ability to reason under changing circumstances through time - in Jack's case that mean seeing how rocks, prehistoric animals, and ecosystems changed over time. Dynamic reasoning is also important for imagining different scenarios that cause dinosaurs to evolve and go extinct.

http://smithsonianscience.si.edu/wordpress/wp-content/uploads/2013/07/Scan_130620_0006.jpg

DINOSAUR FUN FACTS

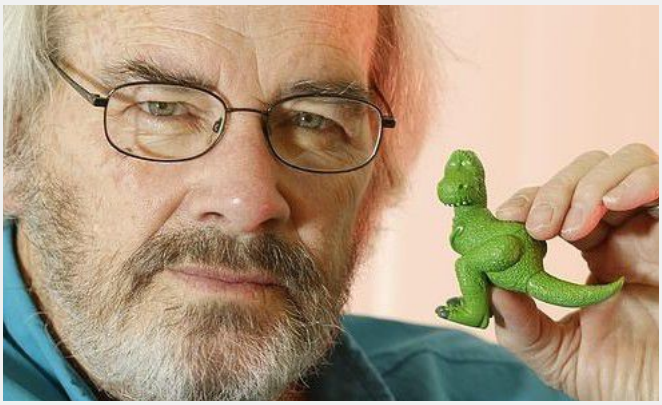
ADVENTURE TIME

The word dinosaur comes from the Greek language and means ‘terrible lizard’. The word was coined by English paleontologist Richard Owen in 1842 and was meant to refer to Dinosaurs impressive size rather than their scary appearance.

Rather than being carnivores (meat eaters), the largest dinosaurs such as the Brachiosaurus and Apatosaurus were actually herbivores (plant

The First Dinosaur to be Discovered in America

The first discovery of dinosaur remains in North America was made in 1854 by Ferdinand Vandiveer Hayden. He discovered a small collection of teeth which were later described by Joseph Leidy in 1856 as belonging to Trachodon, Troodon, and Deinodon.



A person who studies dinosaurs is known as a paleontologist.

The Longest Dinosaur Name

The dinosaur with the longest name was Micropachycephalosaurus meaning "tiny thick-headed lizard". Its fossils have been found in China, and it was named in 1978 by the Chinese paleontologist Dong.

Source:

Dinosaur Museum Website
Science Kids NZ

The Most Brainy Dinosaur

One of the most intelligent dinosaurs was Troodon. It was a hunting dinosaur, about 2 metres long, and had a brain size similar to that of a mammal or bird of today, stereoscopic vision, and grasping hands.

The Heaviest Dinosaur

The heaviest dinosaur was Brachiosaurus at 80 tonnes. It was the equivalent to 17 African Elephants. Brachiosaurus was 16m tall and 26m long and is the largest dinosaur skeleton to be mounted in a museum

Birds descended from a type of dinosaurs known as theropods.

The Smallest Dinosaur Egg - How To Tell a Dinosaur Egg from a Rock?

Dinosaur eggs come in all shapes and sizes. They tend to be ovoid or spherical in shape and up to 30cm in length - about the size of a rugby ball. The smallest dinosaur egg so far found is only 3cm long. Once the egg has been fossilised it will become hard like rock, but it will retain a structure of its own.

Dinosaur SM

Who do you pick to win? C

ROUND 1

Image from: Reddit.com

V

ROUND 2

Image from: Zbrushcentral.com

V

IACK-DOWN!

lick your Dino and find out!

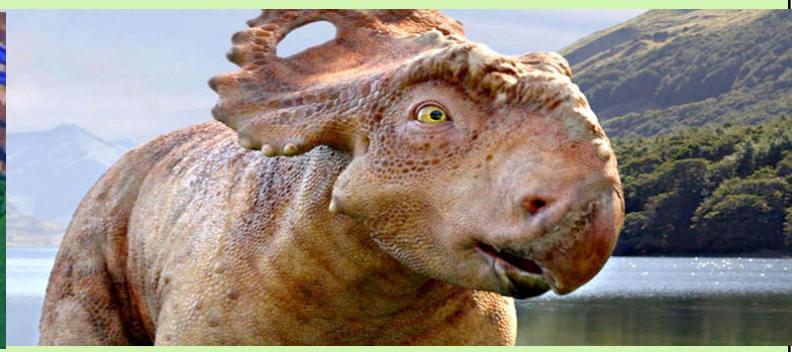
Thank you WIRED for the amazing video!

Image from: Scified.com

Image from: Reddit.com

Dino Celebrity Quiz

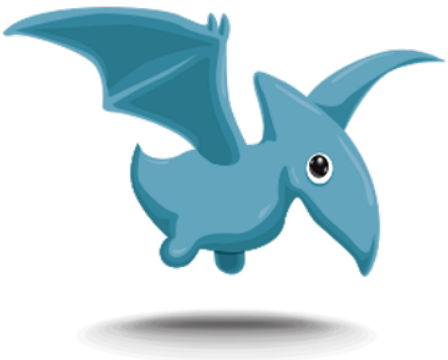
How well do you know your animated movies? Test your knowledge, identify where these dinosaur celebrities starred on. Click any image to start. Have fun!



JOKE TIME

What do you call a dinosaur that never gives up?

Try-Try-Try-ceratops

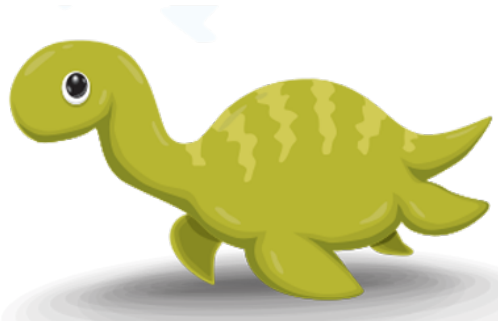


What was the scariest prehistoric animal?

The Terror-dactyl!

What re there only old dinosaur bones in the museum?

Because they can't get new ones



What did the dinosaur say after the car crash?

I'msosaurus!

What do you get when two dinosaurs collide?

Tyrannosaurus wrecks!

Joke Source: Enchanted Learning

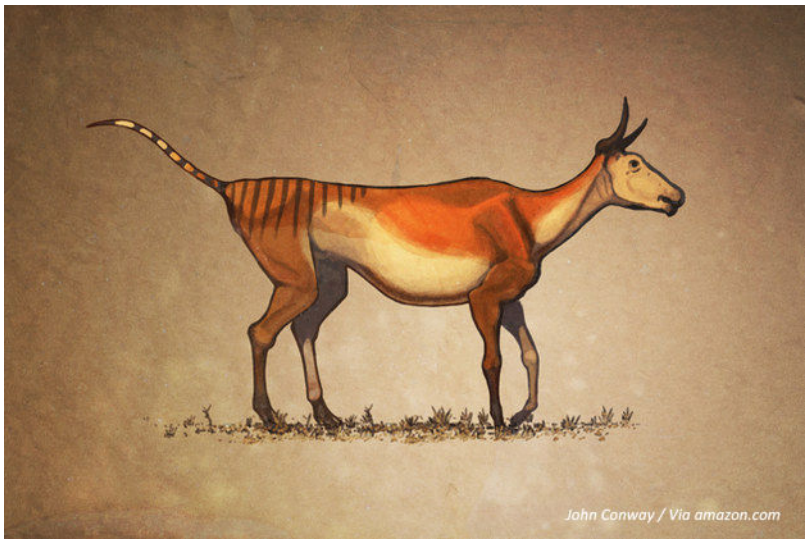
What's This ANIMAL?

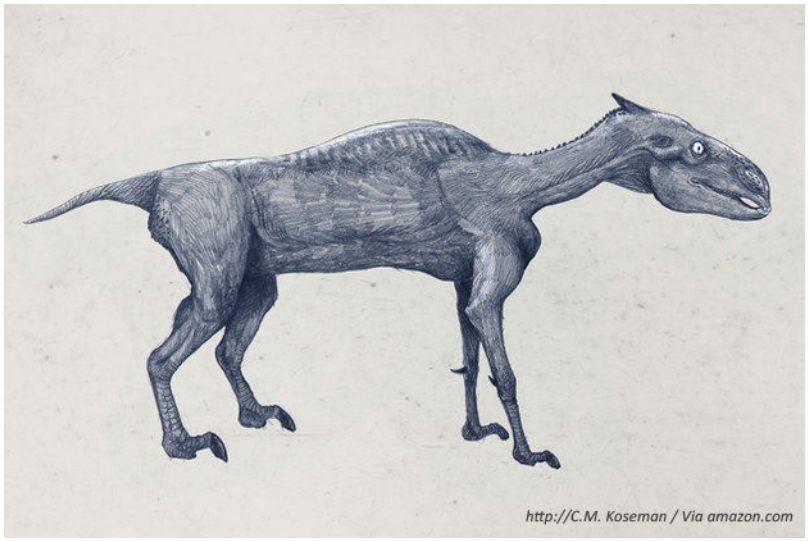
We don't really know what animals look like if we only see their bones, that's why dinosaur scientists need to look carefully for clues and use their imagination.

Hollywood's ideas of what dinosaurs look like may be far from the truth. Stephen Spielberg told Jack he didn't want to add feathers to the dinosaurs in Jurassic World because then they wouldn't look scary enough!

In the pictures to the right, paleoartists John Conway and C.M. Kosemen drew animals the way that Hollywood people might have drawn them. Can you guess which animals they are?

CLICK on the photos to see the answer!





SOURCE: http://www.buzzfeed.com/natashaumer/dinosaur-animals

Playtime: ORIGAMI

Origami is the Japanese word for paper folding. ORI means to fold and KAMI means paper.

How to make a T-rex dinosaur

How to make a Pterodactyl dinosaur

How to make a Velociraptor dinosaur

Congratulations Jack Horner on His MSU Retirement
We Look Forward to Your Next Adventures!

Photo Credit

DYSLEXIC ADVANTAGE

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