



Scavenger Hunt Answer Key



Q: Which display includes a VW Bug?

A: Pleistocene Ice age Display

Q: What is the most common classification of meteorite?

A: Stony Meteorites

Q: Which of the two types of jade is found in Wyoming?

A: Nephrite Jade



Q: Who has a pi-shaped tooth?

A: A Rhinoceros

Q: What saber-tooth predator is not a cat?

A: Neither Thylacosmilus nor Hoplophoneus is a true cat.

Q: What is the only living cat with extended canines?

A: The Clouded Leopard.



Q: What were the diamond shaped holes in a cycad for? (hint: look at the "pettable" specimen)

A: They were the attachment points for frond-shaped leaves.

Q: How many toes are there on a theropod?

A: There are four, but one of them is so short that it doesn't touch the ground.

Q: Which pterosaur comes from Germany?

A: Both Ctenochasma and Scaphognathus come from Germany.



Q: Give the chemical composition for strontianite.

A: SrCO₃

Q: What is aluminum ore called?

A: Bauxite.



Q: On the whale wheel, what kind of teeth does a whale need to eat a mixed diet?

A: Some conical teeth and some saw-like teeth.

Q: What animal had the largest eye of any vertebrate? (hint: it's around the marine diorama cases)

A: An Ichthyosaur (Baptanodon)

Q: What shape is a gar scale?

A: Diamond-shaped.

Q: What did the plesiosaurs eat to supplement their diet of fish?

A: Cephalopods and maybe the occasional pterosaur.

Q: Name an Oligocene Rhinoceros from Wyoming.

A: Hyracodon or Subhyracodon.



Q: Which case has a coin in it?

A: The Ammonites and Nautiloids case.

Q: What is the difference between Ammonites and Nautiloids?

A: In ammonites, the siphuncle runs around the outer rim of the shell, going through the edge of each septum. In nautiloids, the siphuncle runs through the centre of each septum. Also, nautiloid septa have smooth, simple edges, while ammonites have septa with wavy edges like a lasagna noodle.

Q: What kind of animal is "Twinkle Toes"?

A: An oreodont.



Q: Draw the Chinese character for jade.

A: It should look kind of like two capital E's joined back-to-back. Or two short, squat capital I's standing one on top of the other. Or two capital H's joined side-by-side and then rotated 90°.

Q: Name two snack foods that contain mineral resources found here in Wyoming.

A: Ritz bits, Applesauce or Oreo Brownie Bars.

Q: What was one of the largest predators of the White River badlands?

A: The entelodont Archaeotherium or the creodont Hyaenodon.

Q: What fossil helped to support the hypothesis of continental drift?

A: Mesosaurus.