

4th Grade Core Tour Field Trip

Class Pre-Test

Directions: Science is all about practice. The more you practice studying a topic or skill, the better you understand things. As a class, see how many of these science questions you can answer before you visit the museum! Its ok if you don't get them all right, we will practice the ideas together when you visit us at the Museum!

There are three major categories of rocks – igneous, metamorphic, and sedimentary. Which one of these kinds of rocks are formed directly from molten material found beneath the earth's crust?

- a) Metamorphic
- b) Igneous
- c) Sedimentary

We see different stars and constellations over the course of a year. This is because

- a) We always see the same stars, they just move around all the time to form different patterns.
- b) Earth stands still and the stars revolve around us.
- c) Earth revolves around the sun, allowing us to see out into different parts of our galaxy as we travel.

Beneath the sand and soil on Florida's surface, you'll find a thick layer of which kind of rock?

- a) Sandstone
- b) Limestone
- c) Mudstone

Animals have adaptations, or physical features, that help them to survive. For example, Florida panthers have tan colored fur that helps them to

- a) Absorb sunlight.
- b) Blend in with grass, so that their prey doesn't see them coming.
- c) Warn other animals that they are dangerous.

Humans use natural resources to survive. Some of these resources are renewable and some are non-renewable. An example of a renewable resource is

- a) Fish
- b) Coal
- c) Metal

(this could use some work, based on examples that are most commonly used in Tallant. I don't feel like I'm up to speed on the latest narrative, here.)

Manatees are an endangered species. This means that

- a) Manatees are in danger of becoming extinct.
- b) Manatees are dangerous.
- c) There are too many manatees.