

Geologic Change Over Time Digital Lesson wkst

Use the online lesson to learn about geologic change over time. Be sure to click on each part of the slides, and to listen to the entire explanation for each section. You may pause or repeat as needed to answer the questions.

Slide 2:

How old is Earth? _____ years old

Slide 3:

1. Give 3 examples of uniformitarianism.

2. What kind of rock is evidence of ancient volcanic eruptions? _____

3. What do fossils of ocean organisms in rock on a mountaintop tell scientists?

4. How long ago did dinosaurs live on Earth? _____

5. What evidence shows that the climate in an area was much colder in the past?

Slide 4:

1. What is the term for the hypothesis that at one time all the continents were joined into one giant landmass, called Pangea, and then broke up? _____

2. List three types of evidence to support this theory.

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Slide 5:

1. Where are fossils most often found? _____
2. Where were frozen mammoths found? _____
3. What happened to some forests to cause them to become petrified? _____

4. Besides insects, list 2 other kinds of animals that have been found in amber. _____

5. How do we know that worms lived in ancient times? _____
6. What is a definition for sedimentary rock? _____

7. What color are the impressions on rock left by carbonization? _____ or _____

Slide 7:

List the 3 things that DO show evidence of continental drift:

Slide 8:

Fossils are always the preserved remains of organisms that lived long ago. Circle: True False

Slide 9:

What are two ways that scientists study the history of Earth's climate?

_____ and _____