

Geologic Time - Intro Article Responses

List at least 1 other question you could have to learn more about geologic time

In less than 3 sentences → EXPLAIN in your own words to the best of your understanding, *WHAT IS GEOLOGIC TIME? How is it different from our daily time?*

Geologic Time - An Exploration

Go to the following URL:
<http://www.ucmp.berkeley.edu/education/explorations/tours/geotime/index.html>
Click on **Student Start** and then go through the site. Answer the questions on this sheet as you move through the website.

- The Earth is billions of years old and a lot has happened in that time:**
- 1. How many pages would the book be?
 - 2. Could you read this book in your lifetime? Why or Why not?

Exciting Events from Earth’s History:
Fill in the table with at least 3 *exciting events* from Earth’s history. (Click on the red tabs)

Event	Time

What is <i>Relative Age</i> ?	What is <i>Absolute Age</i> ?
Where is <i>Relative Time</i> recorded?	What is the <i>Law of Superposition</i> ?

How is geological evidence gathered and used to inform what we know?

Fill in this table of the fossils found in several rock layers.

Fossil Name	Relative Time	Unique Fact

How do geologists find absolute rock and fossil ages?

Geologic Time Eras - Explain what each era was in 1 sentence and give 1 example of life fromm that time

Era	Meaning	Examples of life
Paleozoic		
Mesozoic		
Cenozoic		

Assessing Our Learning: Take the 5 question quiz at the end of the website.

What are two big ideas you took away from this activity?

[Professor Dave - Relative Dating video](#) (7 minutes)

[Professor Dave - Absolute Dating video](#) (10 minutes)

[How Does Radiometric Dating Work](#) (5 minutes)