

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## Geologic Time Worksheet

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 at the same time!

1. How many pages would the book be? \_\_\_\_\_
  2. Could you read this book in your lifetime? \_\_\_\_\_ Why or Why not? \_\_\_\_\_
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3. Fill in the table with *exciting events* from Earth's history. (Click on the red tabs)

Event	Time

4. Who is the President pictured? \_\_\_\_\_  
Which hand is holding the torch on the Statue of Liberty? \_\_\_\_\_
  5. What is **relative age**? \_\_\_\_\_
  6. What is **absolute age**? \_\_\_\_\_
  7. Where is relative time recorded? \_\_\_\_\_
  8. What is the **Law of Superposition**? \_\_\_\_\_
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9. Fill in this table of the fossils found in several rock layers.

Fossil Name	Relative Time	Unique Fact

10. What do geologists use to find absolute rock and fossil ages? \_\_\_\_\_
11. How old is the lower layer of volcanic ash? \_\_\_\_\_ How old is the upper layer of volcanic ash? \_\_\_\_\_ How old is the layer in the middle? \_\_\_\_\_
12. What does the **geologic time scale** represent? \_\_\_\_\_
13. What is **flora**? \_\_\_\_\_  
What is **fauna**? \_\_\_\_\_
14. Name the 4 **Eons**. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Which eon has the most life? \_\_\_\_\_

Name some of the life you find in the **Proterozoic Eon**. \_\_\_\_\_

What life do you find during the **Pre-Archean Eon**? \_\_\_\_\_

15. Fill in the table with information about Era's.

Era	Meaning	Examples of life

16. Put these **Periods** in the correct order, then list one unique fact about each period.

Permian _____,	Tertiary _____,
Silurian _____,	Triassic _____,
Cambrian _____,	Devonian _____,
Quaternary _____,	Cretaceous _____,
Carboniferous _____,	Jurassic _____,
Ordovician _____,	

17. Take the 5 question quiz. Write your score here \_\_\_\_\_