

Name: _____ Period: _____ Date: _____

Fossils and Geologic Time TEST STUDY GUIDE

*In order to even have the option of making test corrections, you must first provide evidence you have studied in the first place. This study guide is your first step.

*You will **turn in this study guide or another alternate study material** on the day of the test. You may complete this study guide on paper or digitally.

*This test is based off of the following standards:

- ☐ 7.2.3 Characterize the immensity of geologic time and recognize that it is measured in eras and epochs
- ☐ 7.2.5 Describe the origin ...of... sedimentary rocks...
- ☐ 7.2.8 Compare and contrast fossils with living organisms in a given location to explain how earth processes have changed environments over time.

1. MAKE SURE YOU HAVE ALL THE FACTS!

- ✓ **Your notebook, assignments and vocabulary are the BEST resources you have to make sure you know the following information. It was your responsibility to write about and keep these records.** After that, you can go back to the textbooks, the Internet (especially the websites I have posted), and other resources you find.

TOPIC	INFORMATION/DIAGRAM/ETC. (add more pages to this if needed)	CHECK IT OFF ONCE YOU KNOW IT
how geologic time is categorized into eras, periods, and epochs		
the origin (formation) of sedimentary rocks (Cornell notes)		
types of fossils and how they form (such as amber, freezing in ice, petrified/permineralized, trace fossils, etc.)		
how fossils provide evidence for changes to the earth's surface, like environmental change		

relative dating (law of superposition, undisturbed/disturbed layers, law of cross-cutting relationships, intrusion, fault, folding, unconformity, etc.)		
absolute dating (half-life, radiometric dating, etc.)		

2. STUDY THE FACTS!

- ✓ Once you have the above information, **how will you make sure you truly understand it?** If you really do understand, you won't have to memorize! You will just know...
- ✓ There are several ways you can study the information you learned in this unit:
 - a. quiz a partner and have them quiz you (parent, another student, etc.)
 - b. create a concept map to show connections
 - c. create flash cards (on paper or download a free app for your phone)
 - d. draw pictures and diagrams
 - e. what else may work for you???

*Use what you know about your LEARNING STYLE to help you study this information!

THINK ABOUT THE FOLLOWING:

- **HOW ARE ALL OF THESE CONCEPTS CONNECTED TO EACH OTHER?**
- **WHAT DO THESE CONCEPTS HAVE TO DO WITH WHAT YOU HAVE PREVIOUSLY LEARNED THIS YEAR?**

***The effort you put into studying NOW should pay off by you doing well on the test in the first place.**