

AGE OF ROCK & FOSSILS ESSAY

DUE: Wednesday 4/09/14 or Thursday 4/10/14

Computer Lab access 4/4, 4/7, 4/8

All information must be in COMPLETE SENTENCES. Please, do not copy any source you find word for word. Make this composition in YOUR OWN WORDS using facts found.

MUST BE TYPED!!!!

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TO PRINT.

Do not use the following words: *It, they, and, because, then*

Essay Requirements:

- 1. Relative Dating of Rock**
 - a. Relative Ages**
 - b. Law of Superposition**
 - c. Unconformities**
- 2. Radiometric Dating of Rock-Absolute Ages**
 - a. Radiocarbon Decay (C-14)**
 - b. Radiometric Dating: Uranium-238 Decay (U-238 Decay) process into Lead**
 - c. Tree Rings**
 - d. Ice Cores**
 - e. Lake Bottom/Ocean Bottom Sediments**
- 3. Age of Fossils**
 - a. Trace Fossils**
 - b. Cast**
 - c. Index Fossils**
 - d. Mold**
 - e. Carbonaceous Film (Carbon Film)**
 - f. Permineralized Fossils**
 - g. Fossils and Ancient Environments**