

Geologic History Quiz Review

Vocab:

Eon	index fossils
Era	key bed
Period	absolute time
Unconformity	radioactive decay
Fossils	parent isotope
Paleontology	daughter isotope
Mold	half life
Cast	radiometric dating
Trace fossil	evolution
Relative dating	natural selection
The principle of superposition	hominid
Strata	bipedal
Correlation	

1. List the eons, eras and periods in order from most recent to oldest.
2. Know an example of a major event in each era.
3. What are the major extinctions in Earth's history?
4. Where does the existence of humans fall in the scale of geologic time?
5. What are the 5 major types of fossils?
6. Explain the principle of superposition.
7. Describe the 3 types of unconformities.
8. Explain relative dating.
9. Explain the process of radioactive decay.
10. What is an example of radioactive dating used to determine the age of something?
11. Explain the difference between natural selection and evolution.