

Activity

Vocabulary Activity

Vocabulary Unconformity

After you finish reading the chapter, try this puzzle. The underlined words below are missing all of their vowels. Write the completed words in the spaces provided.

1. Atoms that have the same number of protons but a different number of neutrons are called STPS.

2. According to CTSTRPHSM, all geologic changes occur as rare, sudden disasters.

3. RDMTRC DTNG uses the ratio of parent to daughter material found in a sample to find the sample's age.

4. SPRPSTN states that older rocks lie below younger rocks in undisturbed sequences.

5. Gaps in rock-layer sequences are called NNCNFRMTS.

6. A type of TRC FSSL called a CPRLT is preserved animal dung.

7. The time it takes for the amount of a radioactive parent material to decrease by one-half is called the HLF-LF.

8. BSLT DTNG can be used to determine the age of an object by determining the number of years it has existed.

9. During RDCTV DCY, unstable isotopes break down into stable isotopes.

10. MNRL RPLCMNT is a process in which minerals fill in the pore spaces of an organism's tissues.

Vocabulary Activity *continued*

11. The GLGC CLMN is an ideal rock-layer sequence, arranged from oldest to youngest, that contains all known fossil and rock formations on Earth.

12. The geologic time scale is divided into NS, RS, PRDS, and PCHS.

13. Scientists use RLTV DTNG to determine whether objects are older or younger than other objects.

14. An NDX FSSL is the fossil of an organism that lived during a short, well-defined interval of time.

15. A MLD is a cavity in the ground where an organism was buried. If this cavity is filled in with sediment, it can form a CST.

16. NFRMTRNSM states that geologic processes do not change over time.

17. PLNTLGY is the study of past life.

18. Geologists believe that a global climate change caused the XTNCTN of the dinosaurs.

19. NNCNFRMTS are created when deposition stops or erosion occurs.

20. Geologists use the GLGC TM SCL to divide Earth's history into sections of time.
