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Geologic Time and Fossils Crossword

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| **Across**  **1.** Name for the period of time in Earth's history thats 90% of Earth's time; cellular organisms lived  **7.** A record of geologic events and life forms in Earth's history  **8.** when fossils fill with sediments/minerals and hardens to take it's shape  **12.** middle Life age of reptiles  **14.** the gradual change in a species over time  **15.** spaces in rocks previously occupied by bones or shells  **16.** A break in geologic record created when rock layers eroded | **Down**  **2.** The geologic principle that each layer is older then the one above  **3.** Ancient Life includes cambrian explosions  **4.** the process by which organic material is turned into stone  **5.** The age of a rock compared to rock layers  **6.** Fossils of widely distributed organisms that only lived for a short period of time  **9.** The numerical age of an object or event, as established by an absolute-dating process, such as radiometric dating  **10.** a fossil of a footprints, trails, burrow, or other traces of animals  **11.** The preserved remains or traces of an organism that lived in the past  **13.** Recent life age of mammals |