Dating Earth's History

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| **Across**  **3.** a fossil that is useful for dating and correlating the strata in which it is found.  **5.**  A technique used to determine which of two fossils is older  **7.**  A record of the geologic events and life forms in Earth's history.  **9.**  An igneous rock layer formed when magma hardens beneath Earth's surface.  **10.** The top rock layer and its fossils is the youngest and the bottom is the oldest. | **Down**  **1.** An igneous rock layer formed when lava flows onto Earth's surface and hardens.  **2.**  The transfer of energy by electromagnetic waves  **4.**  A break in the earth's crust  **6.** The transfer of energy by electromagnetic waves  **8.**  The preserved remains or traces of an organism that lived in the past |