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Science Crossword

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| **Across**  **2.** point of Earth's surface above an earthquake's focus (surface position)  **4.** surface along which rocks break and move  **8.** surface along which rocks break and move  **11.** vibrations caused by breaking rocks along faults  **13.** release of nuclear particles and energy from an unstable atomic nuclei  **14.** steep-walled depression around a volcano's vent  **16.** remains or traces of a once living organism reserved by rock  **17.** device used by seismologists to record primary, secondary, surface waves from earthquakes  **18.** theory that Earth's crust and the upper mantle are broken into sections that move around on a plastic-like layer of the mantle  **19.** steep-sided volcano made of loosely packed tephra  **21.** scientist who studies earthquakes and seismic waves | **Down**  **1.** a broad volcano with gently sloping sides  **3.** solid, igneous core of a volcano left behind when a volcano stops erupting  **5.** time needed for one half-life the mass of a sample of a radioactive isotopeto decay  **6.** bits of rock or solified lava dropped from the air  **7.** liquid core that surrounds Earth's solid inner core, and that is made mostly of iron  **9.** measure of the energy released by the earthquake  **10.** plastic-like layer below the lithosphere  **12.** large opening formed when the top of a volcano collapes  **15.** in an earthquake, the point beneath Earth's surface where energy release occurs  **20.** an opening on the Earth's surface where magma is forced up and flows out as lava |