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Crossword Puzzle Depth Project

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| **Across**  **4.** Placing one thing on or above another, so that they coincide.  **6.** Causing annoyance or disruption by being uninvited or unwelcome.  **12.** Solidified rock from lava or magma.  **16.** The center layer of earth.  **17.** A layer of sedimentary rock or soil, or igneous rock that was formed at the Earth's surface.  **18.** A defect in an electrical circuit or piece of machinery  **19.** A rock that has undergone transformation by heat.  **20.** A layer of earth between the crust and the core  **22.**  The imprints or remains of living organisms from earlier geological periods preserved in sedimentary rock.  **23.** A thin layer at the top of earths surface  **24.** Rock that has been extruded at the earth's surface as lava or other volcanic deposits.  **25.** A fossil that is useful for finding out which time period it came from  **27.** Layers of rock underground formed over billions of years  **28.** Glaciers or ice sheets. | **Down**  **1.** Plates that move slowly over the underlying mantle  **2.** The theory that the same natural laws and processes always occurred.  **3.** The ratio of density of a substance of a reference material  **5.** A series of connected mountains  **7.** The arrangement, ratio, and type of atoms in molecules of chemicals.  **8.** A surface of contact between two groups of unconformable strata.  **9.** Unstable atomic nucleus loses energy by radiation.  **10.** A large often sudden disaster  **11.** The fossil of Bacteria.  **13.** An upward movement of the earths surface.  **14.** Formed from deposited rock over long periods of time.  **15.** Consisting thin sheets  **21.** Arranging something in layers  **26.** How much volume an object takes up. |

   Catastrophic       crust       fault       Geologic time       index fossil       Mantle       mountain chain       Relative Density       Superposition       uplift       Chemical composition       Density       Foliated       Glaciation       Intrusive       Metamorphic       Plate Tectonics       Rock Strata       Uncomformity       Core       Extrusive       Fossil Record       Igneous       Layering       Microbial Fossil       Radioactive Decay       Sedimentary       Uniformitarianism