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Science Cross Word Puzzle

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| **Across****3.** Rock that forms when existing rock is exposed to high pressure or high heat or both **5.** Rock that forms from compacted sediment**10.** An igneous rock layer formed when magma hardens beneath earths surface**16.** The principle in undisturbed rock layers,older layer of rock lie beneath younger rock layers**18.** An igneous rock layer formed when lava flows onto the earths surface and hardens**19.** The impression of an organism in am rock**20.** The age of a rock or fossils described in comparison to that of another rock or fossils | **Down****1.** A meanas of measuring the age of a material by comparing the amount of a radioactive form of an element with the amount of its decay product**2.** A cylinder of ice removed from an ice sheet**4.** The belief that the same natural laws and processes that operate in the universe now have always operated in the universe in the past and apply everywhere in the universe**6.** Vertical fault where motion is up and down (vertical)**7.** The surface where a new rock layer meets a much older rock surface a gap in the geologic record**8.** Forms when melted rock cools**9.** Vertical fault where motion is horizontal**11.** The time required for half of the amount of radioactive parent element to decay into a stable daughter element**12.** Fossils of widely distributed organisms that lived only during one short period**13.** The actual age of a rock or fossil or how long ago it formed**14.** a fossil copy of an organism made when a mold of the organism is filled with sediment or mineral deposits**15.** Radioactive form of the element carbon that have been used to determine the absolute age of recent fossils and geologic events**17.** A break or crack in earths surface along which movement occurs |