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Change Over Time and the Fossil Record Crossword Puzzle

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| **Across**  **2.** A quantity that can be changed  **5.** A type of fossil formed when sediment fills a mold of an organic object  **6.** To change over time  **9.** Evidence that an organism once existed in an area  **10.** Large body of water flowing through land on either side  **13.** A fossil that forms when the remains of an organism leave an imprint in the sediment after the organic material has been completely replaced  **14.** The ordering of sedimentary layers of rock with the oldest on the bottom and the youngest on top  **15.** The weather condition of a region or Earth  **21.** An element that is found in almost all compounds that make up living things  **23.** An organism made of cells and cannot make its own food  **25.** A group of organisms that share similar characteristics and can mate with each other  **28.** A theory of how organisms changed over time  **29.** To break down  **30.** The study of fossils and the fossil record  **32.** To notice or find  **33.** A set of statements or principles devised to explain a group of facts  **34.** A large, continuous mass of land  **35.** A natural, solid substance found in rocks  **37.** An organism that is too small for people to see with only their eyes  **38.** The study of Earth and rocks  **39.** Variations between organisms that make the adapted to the environement | **Down**  **1.** The physical or chemical breakdown of rocks and minerals into smaller pieces on Earth's surface  **3.** A Fossil resin from tree sap which may contain insects or other organisms  **4.** The removal of weathered rock material  **7.** The presence of many different types of organisms in an ecosystem  **8.** The measurement of radioactive material that an object contains  **11.** Huge piece of Earth's crust  **12.** Drawing a conclusion based on evidence  **16.** The process by which the characteristics of a species change over many generations  **17.** An organism that can make its own food  **18.** An extinct organism with reptile and birdlike features  **19.** The information about Earth's history that can be gathered from fossils  **20.** A species that no longer lives on Earth would be descibed as?  **22.** Very old  **24.** All the living and nonliving things in an environment  **26.** An amount of rock or soil that has been laid down in an area  **27.** Fossilized evidence of plant existence or animal movements  **31.** Any individual living thing  **36.** The place or role that an organism has in its habitat |