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Weathering, Erosion, and Deposition Crossword

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| **Across****5.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when you have the grinding away of a rock by friction or impact.**7.** When physical processes naturally break rocks into smaller pieces \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, occurs**12.** \_\_\_\_\_\_\_\_\_\_ of erosion include water, wind, glaciers, and gravity. **13.** \_\_\_\_\_\_\_\_ grains of sediment are often deposited in high-energy environments. **14.** \_\_\_\_\_\_\_\_\_\_\_ is the removal of weathered material from one location to another.**15.** \_\_\_\_\_\_\_\_\_\_\_\_ that live in soil creates holes in the soil where water enters and causes weathering(mechanical weathering). **17.** Erosion affects the level of \_\_\_\_\_\_\_\_\_ of sediment and \_\_\_\_\_\_\_\_\_ (same answer as first blank) is the separating of items into groups according to one or more properties. **18.** When rock fragments bump each other doing erosion it causes them to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_. **20.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ changes the materials that are part of a rock into new materials.**22.** Environment, water, temperature, type of rock, the size of and number if holes in the rock, and rocks being made out of one or more minerals affects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**23.** Most substances dissolve in \_\_\_\_\_\_\_\_\_\_\_\_ and the minerals that make up rock dissolve very slowly in \_\_\_\_\_\_\_\_\_\_ (same answer as first blank) | **Down****1.** Sediment is deposited in locations called \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, such as swamps, deltas, at the bottom of the ocean floor, and on land.**2.** \_\_\_\_\_\_\_\_\_ grains of sediment are often deposited in low-energy environments. **3.** The mechanical and chemical processes that change objects on Earth's surface over time is called \_\_\_\_\_\_\_\_\_\_\_\_\_.**4.** The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sometimes depends on the type of rock. **6.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when you have water seep through a crack in a rock, that then freezes, expanding the crack of the rock. **8.** Landforms can have features that are clearly produced by \_\_\_\_\_\_\_\_\_, like the landforms are often tall, jagged structures with cuts in layers of rock. **9.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the laying down or settling eroded rock.**10.** \_\_\_\_\_\_\_\_\_\_\_\_\_ combines the element oxygen with the other elements or molecules. **11.** \_\_\_\_\_\_\_\_\_\_\_\_ created by deposition are often flat and low. **16.** Sediment deposited in water typically form layers called \_\_\_\_\_\_. The \_\_\_\_\_\_\_(same answer as first blank) usually have "stripes". **19.** \_\_\_\_\_\_\_ can also cause weathering (mechanical weathering) by crumbling rocks. **21.** \_\_\_\_\_\_ increase the rate of chemical weathering more than rain or water does and the action of \_\_\_\_\_\_\_\_\_ (same answer as first blank) attracts atoms away from rock minerals and dissolves them in the \_\_\_\_\_\_\_ (same answer as the firs and second blank).  |

   Weathering       Mechanical Weathering       Ice Wedging       Abrasion       Plants       Animals       Chemical Weathering       Water       Acids       Oxidation       Weathering Rates       Erosion       Agents       rate of erosion       Rounded       Sorting       Depostion       Depositional Environment        Large       Small       Beds       Erosion       Landforms