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Weathering and Erosion

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| **Across**  **2.** The top layer of soil  **4.** Protecting soil from nutrient loss or erosion  **5.** When water in the air causes chemical change  **9.** Leaving the previous season's stalks behind to prevent erosion.  **12.** When pollution and rain weather together.  **13.** As a mountain ages, its peaks become (rounder/sharper)  **17.** When limestone is dissolved underground, you get a...  **19.** Rock that is the source of the fragments  **20.** Repeated freezing and thawing in cracks of rock  **21.** What is the process in which wind, water, gravity transport soil?  **23.** What type of weathering breaks smaller pieces of rock from larger pieces  **27.** Grinding away of rock  **28.** When water slows and drops sediment | **Down**  **1.** Refers to the pore space in soil taken up by water or oxygen  **3.** Sediment deposits here when a river overflows its banks (pg.318)  **6.** When farmers change crops to protect nutrient depletion.  **7.** Creating a series of steps so that farming can occur on a steep hill  **8.** a fan-shaped deposion on land  **10.** What type of weathering slowly dissolves rock  **11.** Type of weathering in which harder rock weathers less than softer rock  **14.** Living agent of mechanical weathering  **15.** The layer of rock beneath soil layers  **16.** Agent of chemical weathering  **18.** Deposition that occurs as a body of water slows to flow into another  **22.** Water dissolves and carries nutrients in topsoil to lower layers  **24.** The most fertile section of topsoil  **25.** When farmers grow a crop between seasons to prevent erosion.  **26.** Agent of mechanical weathering |