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Weathering and Erosion

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| **Across**  **3.** dark, organic material formed in the soil from the decay remains of plants and animals  **10.** The conversion of a compound into a carbonate  **11.** the natural process by which atmospheric and environmental agents, such as wind, rain, and temperature changes, distegrate  **12.** The rocks breaks into curved sheets that peel away from the underlying rock.  **13.** A vertical section of soil that shows the layers  **14.** The part of a rock that is exposed to air water.  **15.** The process by which softer, less weather- resistant rocks wear away at a faster rate than harder | **Down**  **1.** the process by which rocks break down into smaller pieces by physical means  **2.** The process by which rocks break down as a result of chemical reaction  **4.** a loose mixture of rock fragments  **5.** Precipitation, such as rain, sleet, or snow, that contains a high concentration of acids, often because of the pollution of the atmosphere.  **6.** The process by which a metallic element combines with oxygen  **7.** A chemical reaction between water and another substance to form two or more new substances  **8.** The grinding and wearing away of rock surfaces through the mechanical action of other rock or sand particles  **9.** long curved cracks and develop in the rock |