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unit 5 science

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| **Across****7.** a physical feature of of Earth's surface**9.** precipitation, such as rain, sleet, or snow, that contains a high concentration of acids, often because of the pollution of the atmosphere.**11.** dark, organic material formed in soil from the decayed remains of plants and animals**13.** the process by which a metallic element combines with oxygen.**14.** a loose texture mixture of rock fragments and organic material that can support the growth of vegetation.**15.** a process in which the materials of Earth's surface are loosened, dissolved, or worn away and transported from one place to another by a natural agent, such as wind, water, ice, or gravity.**16.** the process by which rocks break down into smaller pieces by physical means.**18.** the process by which softer, less weather-resistant rocks wear away at a faster rate than harder, more weather- resistant rocks do.**19.** the process by which water flows over a layer of soil and removes the topsoil. | **Down****1.** the grinding and wearing away of rocks surface through the mechanical action of other rock or sand particles.**2.** a chemical reaction between water and another substance to form two or more new substances.**3.** the slow, down slope of soil saturated with water in areas surrounding glaciers in high elevations.**4.** the slow downhill movement of weathered rock material.**5.** the conversion of a compound into carbonate.**6.** a vertical section of soil that shows the layers, or horizons.**8.** the process by which rocks break down as a result of chemical reactions.**10.** the natural process by which atmospheric and environmental agents, such as wind, rain, and temperature changes, disintegrate and decompose rocks.**12.** the movement of a large mass of sediment or a section of land down a slope.**17.** a horizontal layer of soil that can be distinguished from the layers above and below it. |