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Weathering, Erosion and Soil

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| **Across**  **2.** soild layer of rock beneath the soil  **3.** the process that breaks down rocks chemically ( ex: water, oxygen, carbon dioxide, acid rain)  **5.** When water expands and freezes creating cracks in rocks. Over time water continues to seep into rock creating bigger cracks eventually breaking the rock into pieces  **6.** soil that is made up of equal parts sand, silt and clay  **7.** the process that breaks down rock and other substances at the earth's surface  **8.** a dark colored substances that forms as remains of animals or plants decay  **10.** how well soil supports plant growth  **11.** the removal of rock particles by wind, water, ice, or gravity | **Down**  **1.** type of weathering where the rocks are physically broken down into smaller pieces  **4.** the material is full of tiny connected spaces that allow water to seep through it  **9.** loose weathered material on the Earth's surface in which plants can grow |