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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 |