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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Rocks, Weathering, and Erosion

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|  | 3  M |  |  | L |  |  |  |  |  |  |  |  |  |  | 4  S |  |  |  |  |
| 5  M | E | C | H | A | N | I | C | A | L | W | E | A | T | H | E | R | I | N | G |
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|  | A |  |  | I |  |  |  |  |  | 6  E |  |  |  |  | I |  | 7  I |  |  |
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|  | P |  |  | 10  D | E | S | E | R | T | I | F | I | C | A | T | I | O | N |  |
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| **Across**  **1.** the breakdown of rocks by chemical reactions changing their composition.  **5.** The breaking of ricks by physical force.  **8.** Rain that causes weathering because it contains sulfuric acid.  **10.** When fertile land becomes desert like, often in result of a drought.  **11.** When two objects collide causing damage.  **12.** The process by which natural forces break down rocks.  **13.** Particles of rock and soil that are eroded ad deposited and form sedimentary rocks. | **Down**  **2.** A large mass of ice that moves over land causing erosion.  **3.** \_\_\_\_\_\_\_\_\_\_ rocks are formed when other rock types are changed by the heat and pressure under earths surface.  **4.** \_\_\_\_\_\_\_\_\_\_ rocks are formed from shells, fossils, pebbles, and sand.  **6.** When weathered materials are carried away.  **7.** \_\_\_\_\_\_\_\_\_\_ rocks are formed when magma cools and solidifies.  **9.** The freezing and thawing of water in cracks of rocks that causes rocks to split |