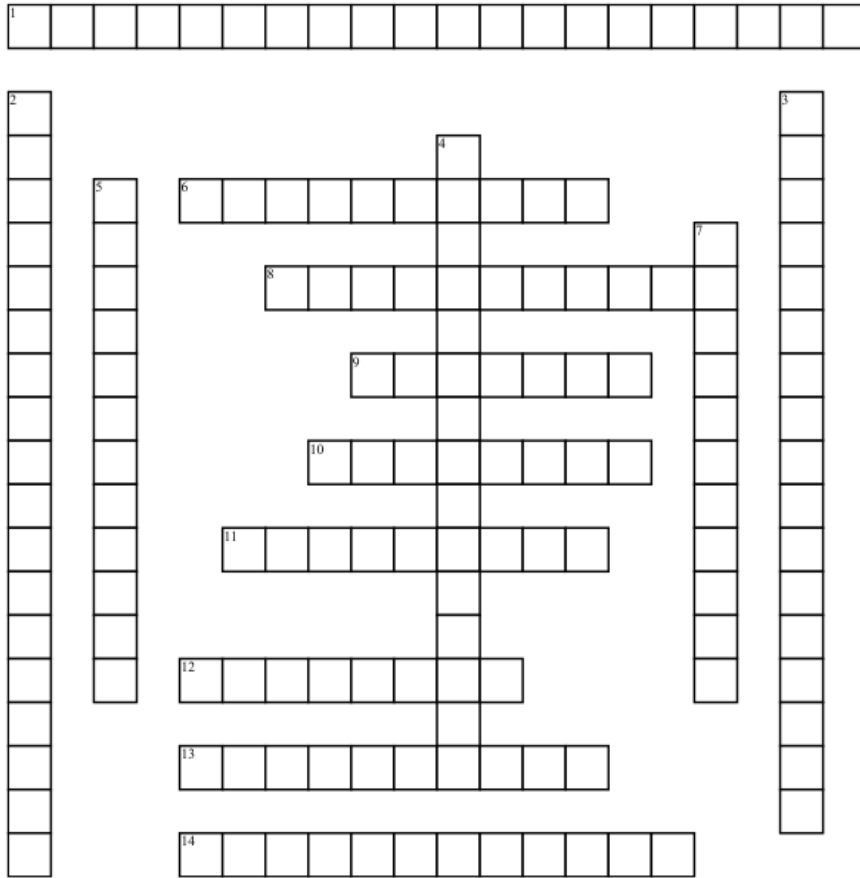


Name: _____ Date: _____ Period: _____

Weathering



Across

- 1. Breaks rocks into smaller pieces but does not change the rock
- 6. A constant process of breaking down objects on the Earth's Surface
- 8. The amount of the rock exposed to the environment
- 9. How much moisture there is. A factor in determining how fast a rock will weather
- 10. physical grinding of rock fragments

- 11. when exposure to oxygen causes iron minerals to rust
- 12. this precipitation dissolves concrete, kills fish and plants
- 13. Water destroys minerals, making new rocks
- 14. Sulfur oxides + rain = acid rain.

Down

- 2. Changing the rocks chemical composition or chemical make up

- 3. What a rock is made of. One of 3 factors that determines how fast a rock will weather
- 4. Plants grow in cracks in rock, the roots break the rocks apart
- 5. Water leaks into cracks in a rock, freezes/expands, break rock apart
- 7. Carbon dioxide + water = Carbonic acid. It dissolves rocks in the soil