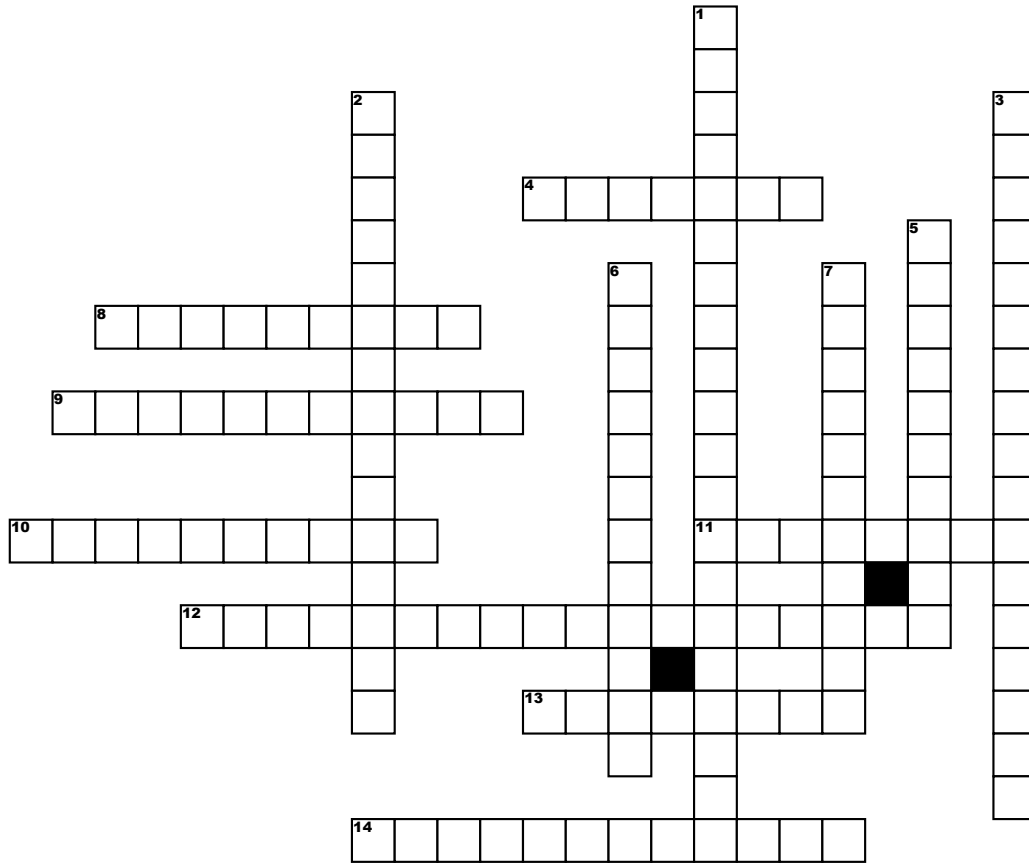


Name: _____

Date: _____

Weathering



Across

- 4. How much moisture there is. A factor in determining how fast a rock will weather.
- 8. when exposure to oxygen causes iron minerals to rust
- 9. The amount of the rock exposed to the environment
- 10. Water destroys minerals, making new rocks
- 11. physical grinding of rock fragments

12. Changing the rocks chemical composition or chemical make up

- 13. this precipitation dissolves concrete, kills fish an plants
- 14. Water leaks into cracks in a rock, freezes/expands, break rock apart.

Down

1. Breaks rocks into smaller pieces but does not change the rock

2. Plants grow in cracks in rock, the roots break the rocks apart

3. What a rock is made of. One of 3 factors that determines how fast a rock will weather.

5. A constant process of breaking down objects on the Earths Surface

6. Sulfur oxides + rain = acid rain. It dissolves rocks and cement

7. Carbon dioxide + water = Carbonic acid. It dissolves rocks in the soil

Word Bank

Chemical Weathering
Organic Activity
Hydrolysis
Carbonation
climate

ACID RAIN
oxidation
Mechanical Weathering
abrasion
Sulfuric Acid

Surface Area
Composition of rock
Frost wedging
Weathering