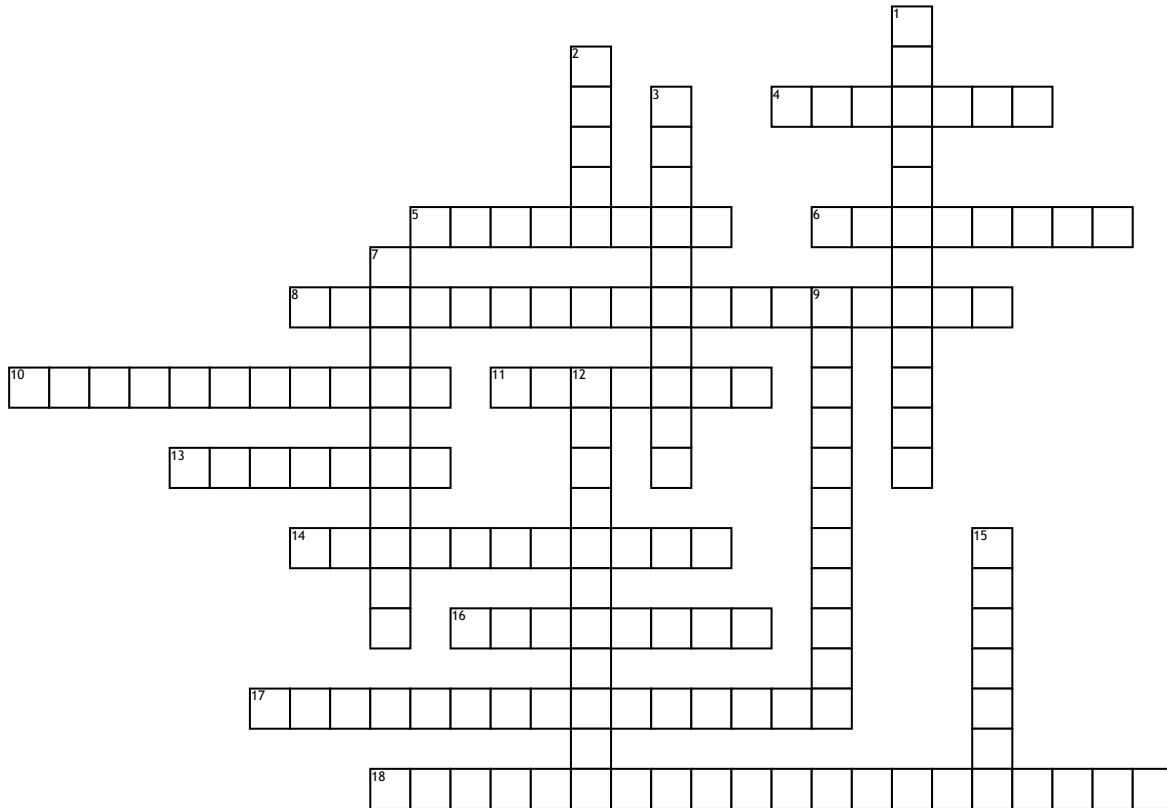


Name: _____

soil and weathering



Across

- 4. layer of rock beneath the soil.
- 5. the amount of open space between an object.
- 6. the process by which rainwater dissolves and carries away the minerals and nutrients in topsoil.
- 8. breakdown or decomposition of rock that takes place when minerals change through chemical processes.
- 10. the makeup of rock or soil describing the minerals or elements present in it.
- 11. the process in which sediment is picked up and moved from one place to another.

- 13. the top layer of soil that contains humus.
- 14. a soil layer with physical and chemical properties that differ from those of the soil layers above or below it.
- 16. the process of wearing something down by friction.
- 17. the expansion of desert conditions in an area where the natural plant cover has been destroyed.
- 18. the breakdown of rock into smaller pieces of the same material without any change to its composition.

Down

- 1. the ability to let water pass through.
- 2. the decaying organic matter in soil.
- 3. The process by which natural forces break down rocks and soil.
- 7. the process in which transported sediment is laid down.
- 9. the process in which layers or sheets of rock gradually break off.
- 12. a chemical reaction in which an element combines with oxygen to form oxide; iron oxide=rust.
- 15. the size, shape, and position of the particles in the soil.