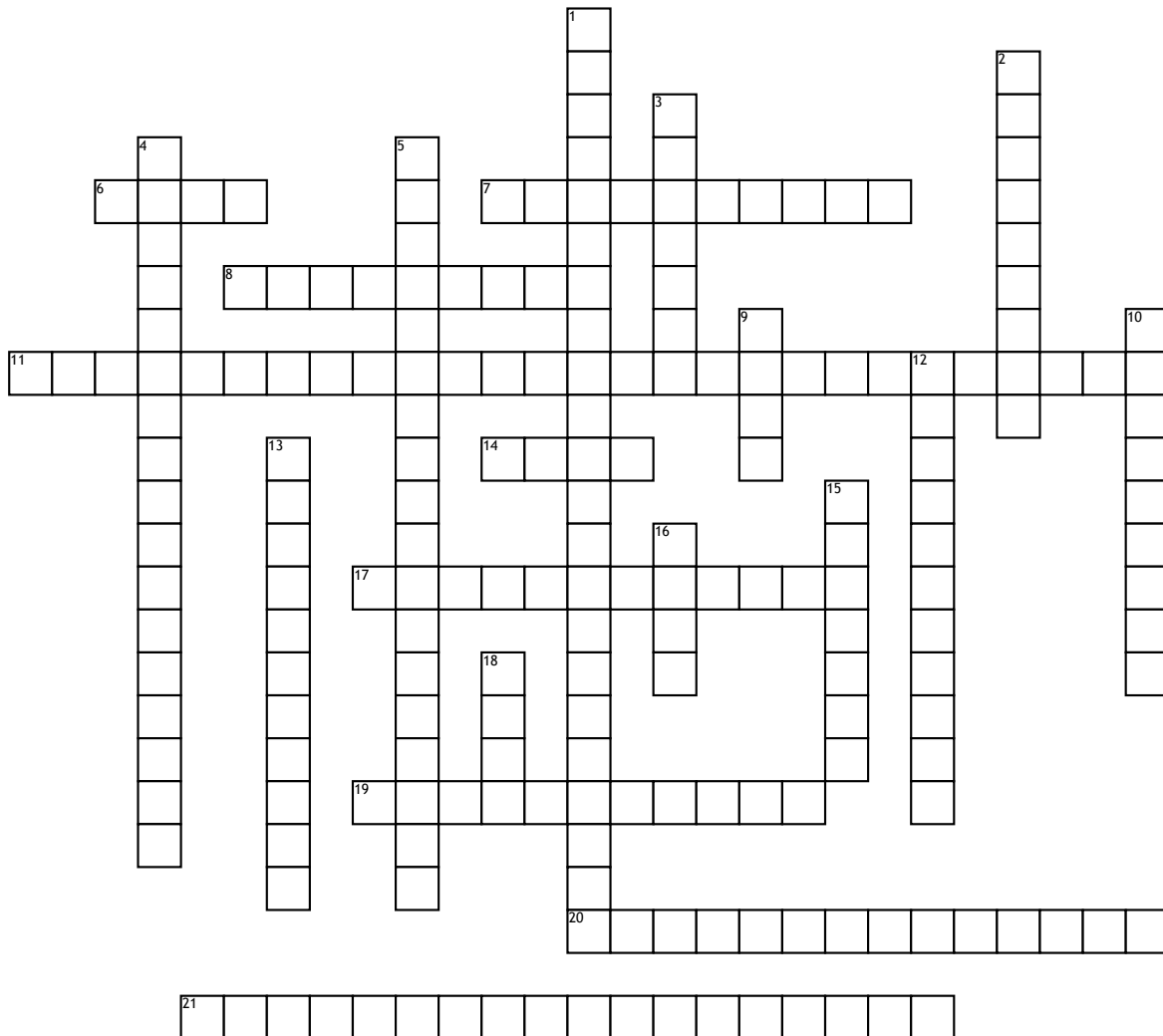


Weathering, Erosion, Soil



Across

- 6. The smallest particle size in soil. Too much of this causes the soil to become impermeable.
- 7. A logical statement about what will happen if the hypothesis is correct.
- 8. A slide of a large mass of dirt and rock down a mountain or cliff.
- 11. Includes: Deforestation, Loss of Biodiversity, Pollution, Acid Rain, Urbanization, Overgrazing, Desertification, Fracking, Mining and Agriculture.
- 14. The best soil texture for plant growth.
- 17. Capable of shifting sand away from a shoreline.
- 19. Occurs when there is very little precipitation and vegetation in an area to hold the soil in place.
- 20. Occurs when material moves downhill because of steep slopes.

- 21. The process in which rock is broken down by changes in its chemical makeup.

Down

- 1. Depending on the hardness of the minerals inside of a rock, some parts of the rock weather more quickly than others.
- 2. A great mass of ice, earth, or snow mixed with rocks sliding down a mountain.
- 3. Has the largest impact on soil formation. If it's hot and humid, more chemical weathering occurs. If it's cold and dry, more physical weathering occurs.
- 4. Occurs when large masses of ice harden around boulders, rocks, and small sediments. As this ice melts, all sizes of materials can be transported away.
- 5. Any process that breaks rock down into smaller pieces without changing the chemistry of the rock; typically wind and water.

- 9. The medium-sized particle in soil.
- 10. Earth processes that upon interaction with human activity cause loss of life and property. Includes processes like landslides, avalanches, earthquakes and volcanoes.
- 12. The ratio of the particle sizes clay, silt, and sand in a soil sample.
- 13. A number that describes how likely it is that an event will occur.
- 15. Various ways humans use the land such as agricultural, industrial, residential, or recreational. Can lead to long-lasting negative impacts on the lithosphere.
- 16. The loose covering of humus and weathered rock particles that covers the lithosphere.
- 18. The largest particle size in soil. This allows soil to be porous and permeable.