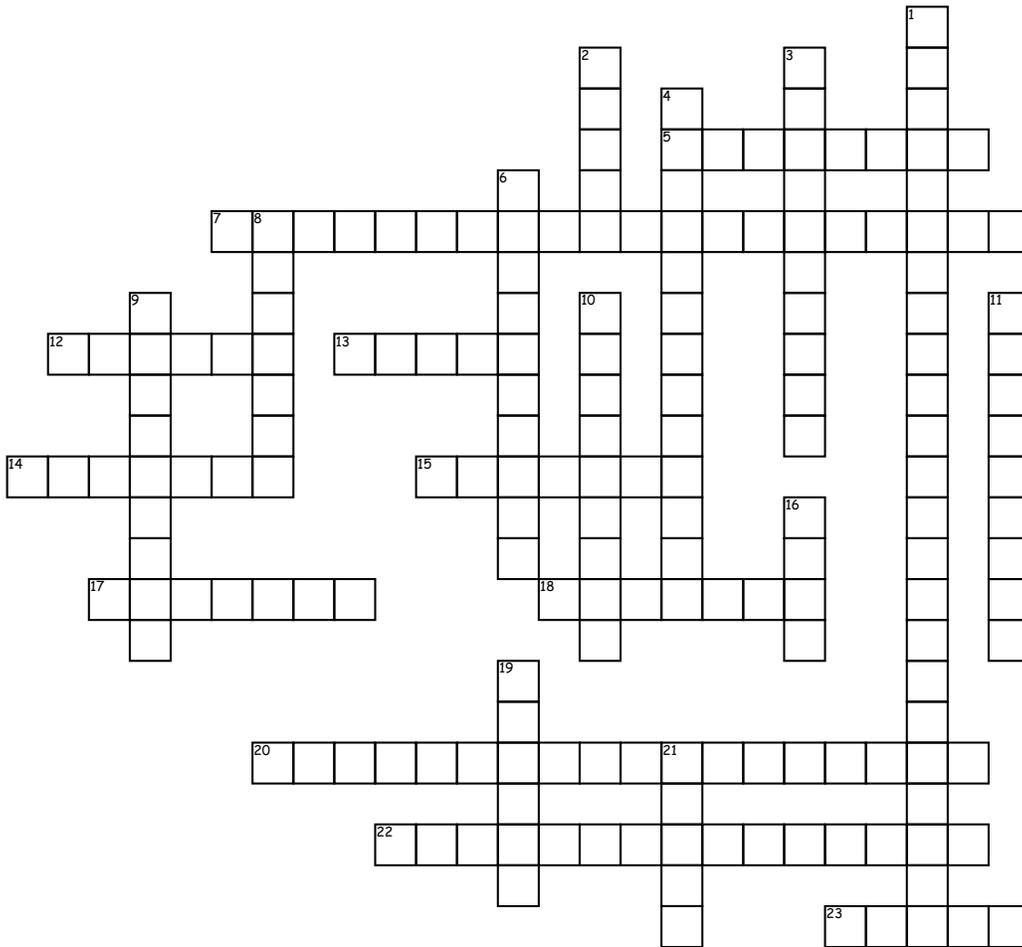


# Weathering, Erosion, and Deposition Crossword



**Across**

- 5. \_\_\_\_\_ is when you have the grinding away of a rock by friction or impact.
- 7. When physical processes naturally break rocks into smaller pieces \_\_\_\_\_ occurs
- 12. \_\_\_\_\_ of erosion include water, wind, glaciers, and gravity.
- 13. \_\_\_\_\_ grains of sediment are often deposited in high-energy environments.
- 14. \_\_\_\_\_ is the removal of weathered material from one location to another.
- 15. \_\_\_\_\_ that live in soil creates holes in the soil where water enters and causes weathering (mechanical weathering).
- 17. Erosion affects the level of \_\_\_\_\_ of sediment and \_\_\_\_\_ (same answer as first blank) is the separating of items into groups according to one or more properties.
- 18. When rock fragments bump each other doing erosion it causes them to be \_\_\_\_\_
- 20. \_\_\_\_\_ changes the materials that are part of a rock into new materials.

- 22. Environment, water, temperature, type of rock, the size of and number of holes in the rock, and rocks being made out of one or more minerals affects \_\_\_\_\_.
  - 23. Most substances dissolve in \_\_\_\_\_ and the minerals that make up rock dissolve very slowly in \_\_\_\_\_ (same answer as first blank)
- Down**
- 1. Sediment is deposited in locations called \_\_\_\_\_, such as swamps, deltas, at the bottom of the ocean floor, and on land.
  - 2. \_\_\_\_\_ grains of sediment are often deposited in low-energy environments.
  - 3. The mechanical and chemical processes that change objects on Earth's surface over time is called \_\_\_\_\_.
  - 4. The \_\_\_\_\_ sometimes depends on the type of rock.
  - 6. \_\_\_\_\_ is when you have water seep through a crack in a rock, that then freezes, expanding the crack of the rock.
  - 8. Landforms can have features that are clearly produced by \_\_\_\_\_, like the landforms are often tall, jagged structures with cuts in layers of rock.
  - 9. \_\_\_\_\_ is the laying down or settling eroded rock.

- 10. \_\_\_\_\_ combines the element oxygen with the other elements or molecules.
- 11. \_\_\_\_\_ created by deposition are often flat and low.
- 16. Sediment deposited in water typically form layers called "stripes". The \_\_\_\_\_ (same answer as first blank) usually have "stripes".
- 19. \_\_\_\_\_ can also cause weathering (mechanical weathering) by crumbling rocks.
- 21. \_\_\_\_\_ increase the rate of chemical weathering more than rain or water does and the action of \_\_\_\_\_ (same answer as first blank) attracts atoms away from rock minerals and dissolves them in the \_\_\_\_\_ (same answer as the first and second blank).

**Word Bank**

Weathering  
Plants  
Acids  
Agents  
Deposition  
Beds

Mechanical Weathering  
Animals  
Oxidation  
rate of erosion  
Depositional Environment  
Erosion

Ice Wedging  
Chemical Weathering  
Weathering Rates  
Rounded  
Large  
Landforms

Abrasion  
Water  
Erosion  
Sorting  
Small