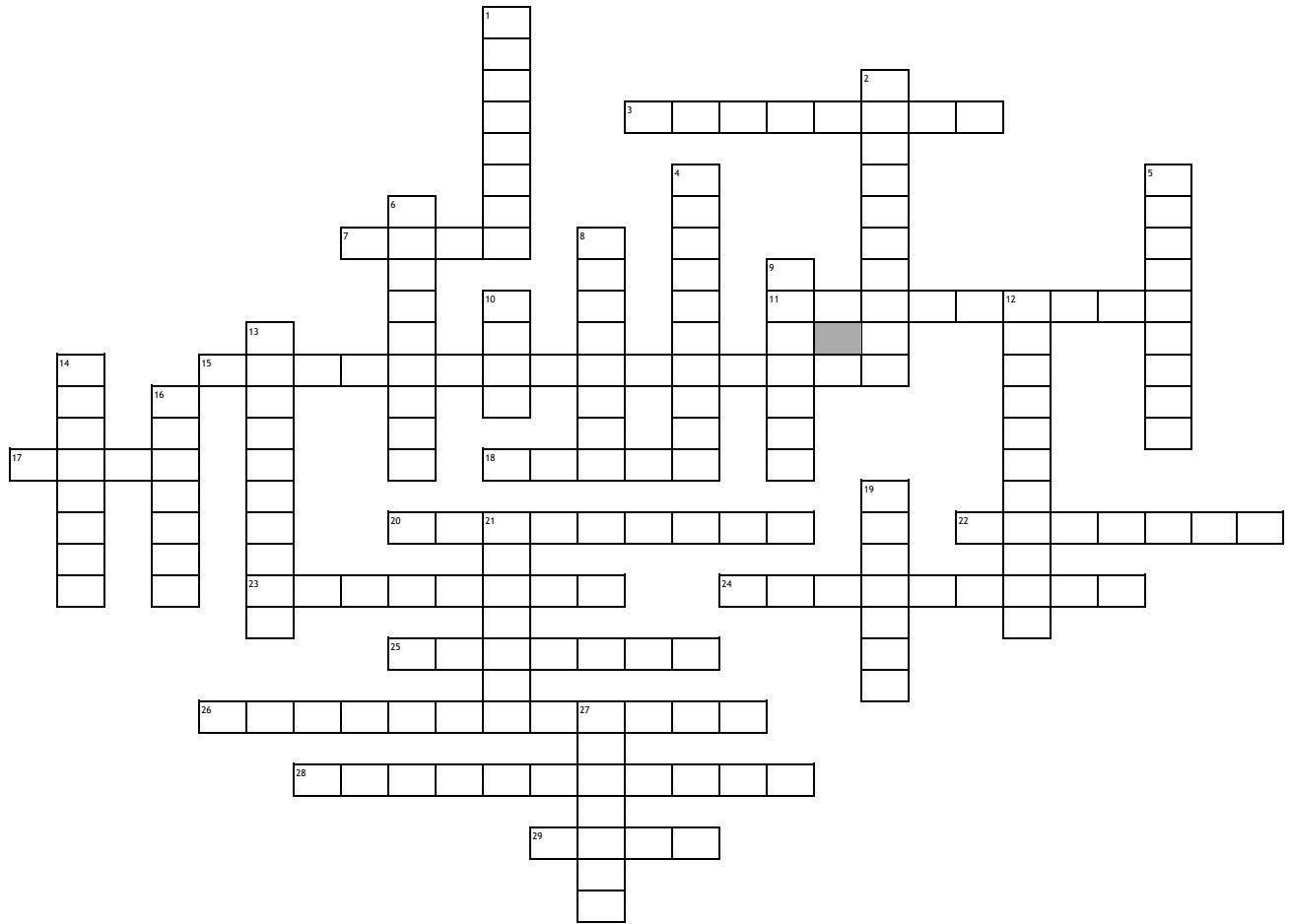


# Weathering, Erosion and Soil



## Across

3. pieces of rock that are moved and deposited
7. erosion where water runs down the side of a slope carving a small stream
11. chemical weathering due to oxygen
15. process by which productive land becomes a desert
17. type of erosion that can defy gravity
18. erosion that occurs when a channel widens and deepens
20. decreasing surface area, \_\_\_\_\_ chances of chemical weathering
22. section of soil with many distinct layers
23. process of erosion where windblown particles scrape against rock surfaces and wear them away
24. all of Earth's organisms and the environment in which they live
25. steep slopes have this kind of soil
26. process that occurs when water repeatedly freezes and thaws in cracks in rocks
28. weathering where outer layers seem to peel away like an onion
29. regardless of the type of soil, they all need this to develop

## Down

1. weathering where big rocks break down into smaller pieces
2. the settling of eroded material
4. the change in elevation of the Earth's crust
5. they help break down organic material and helps increase water holding capacity
6. row of trees planted perpendicular to the wind
8. type of weathering where rocks and minerals undergo changes in their composition due to chemical reactions
9. distinct layer in soil
10. loose covering of weathered rock overlying bedrock
12. soil whose parent material has moved far from its source
13. type of weathering that is favored in cold and dry climate
14. soil whose parent material is local
16. unweathered solid parent rock
19. removal and transport of weathered material
21. the most influential factor in soil formation
27. type of erosion that creates unsorted deposits