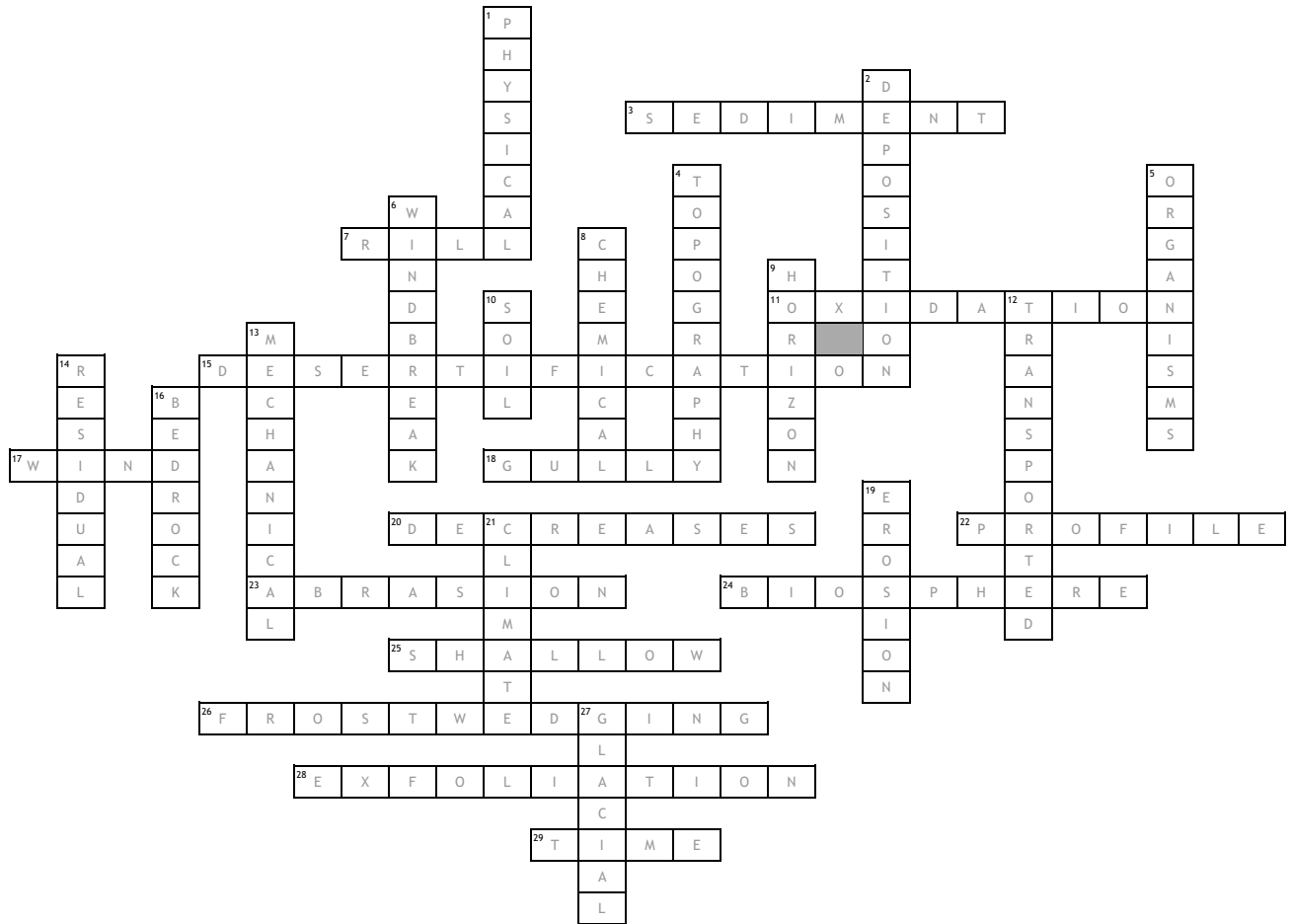


# Weathering, Erosion and Soil



**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