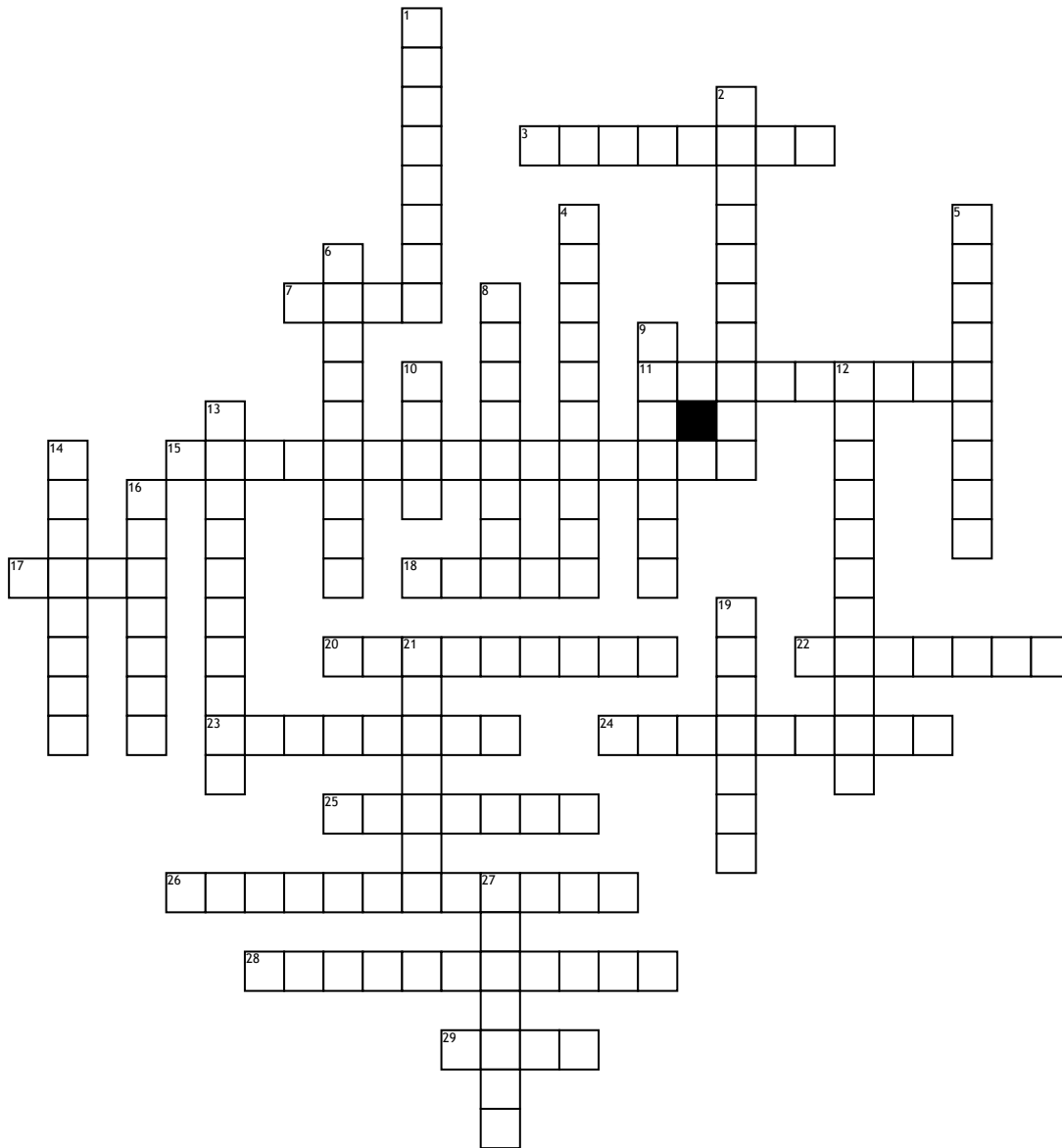


Name: _____

Date: _____

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