

ANSWER KEY

Erosion Unit Concept Matching

Directions: Match of the statements to the right with the correct term or concept.

Erosion 3
Deposition 34
Mountain Landscape 6
Plateau Landscape 13
Plains Landscape 35
Landscape Development 9
Rivers 20
River abraded sediment 10
V-shaped valley 22
Watershed 1
River drainage pattern 17
Stream velocity 12
Stream load 39
Sorted sediment 14
Unsorted sediment 36
Vertical sorting 2
Horizontal sorting 16
Delta 28
Meander 18
Cut Bank 37
Point Bar 31
Youthful River 19
Mature River 4
Oxbow lake 21
Glacier 23
Valley (alpine) glacier 11
Continental glacier 27
Drumlin 7
Esker 38
Moraine 29
Erratic 30
Striations 32

1. The geographic area that drains precipitation into a particular stream or other body of water
2. Sediment sorted up and down; the largest, roundest, and densest sediment will settle first on the bottom
3. Transportation/movement of sediments away from their place of origin
4. Gentle gradient river that meanders across a floodplain. Oxbow lakes are present.
5. Glacier valley
6. Made of igneous or metamorphic rocks, has deformed bedrock structure, and high topographic relief
7. Glacier depositional feature made of till. Elongated, tear-dropped shape with the steep side facing North
8. The general direction of movement along a beach resulting from the angle at which the waves are striking the beach. This is the mechanism by which sand is moved along a beach
9. Impacted by the bedrock type and local climate
10. Rounder, smoother, smaller
11. High altitude glaciers that carve out distinct U-shaped valleys and move downslope similar to rivers
12. Directly related to stream discharge and stream slope
13. Made of sedimentary rocks, has horizontal bedrock structure, and high topographic relief
14. Sediment that is all of the same size
15. Man-made structures built perpendicular to a beach to stop the movement of sand along beach
16. Sediment sorted side to side; the largest, roundest, and densest sediment will settle first near the mouth of the river
17. The shape of a river system as seen from above as a result of the underlying bedrock
18. A bend in a river
19. Steep gradient river that runs relatively straight and has a distinct V-shaped valley
20. Natural waterways that "move" water through a landform from higher to lower elevations. Runoff in the water cycle
21. Cut off isolated ponds that use to be part of river
22. Shape of a river valley
23. Large, long lasting mass of ice which forms on the land and moves because of gravity
24. Circular, haystack shaped mounds of layer and sorted glacier outwash
25. Sorted and layered piles of sand usual found near beaches or in deserts. Look similar to drumlins but the steep side faces away from the direction of travel
26. Snow that slides down a steeply sloped mountain. Gravity erosion.

U-shaped valley 5

Kettle Lake 33

Kame 24

Longshore drift 8

Jettie (groin) 15

Sand dune 25

Mud, land, and Rock slide 40

Avalanche 26

27. High latitude glaciers that slump outward in all directions.
28. Depositional feature made of sorted piles of sediments that form where rivers enter large, standing bodies of water
29. Glacier depositional feature made of till. A wall of sediment formed as the glacier plowed forward
30. Glacier boulder that usually is a different rock type than the bedrock below
31. Inside corner in a river where the lowest velocity is found. Deposition is greatest. Shallow.
32. Scratches made on the bedrock as the glacier moved
33. Glacial pond
34. The accumulation of sediments away from their place of origin after erosion takes
35. Made of sedimentary rocks, has horizontal bedrock structure, and low topographic relief
36. Sediment that is of mixed sizes
37. Outside corner in a river where the greatest velocity is found. Erosion is greatest. Deep.
38. Glacier depositional feature made of outwash. Long snake-like hill that formed from a river flowing in a tunnel beneath a glacier
39. All of the sediment carried in a river; solution, suspension, traction, or flotation
40. Erosion and deposition of sediments by gravity alone