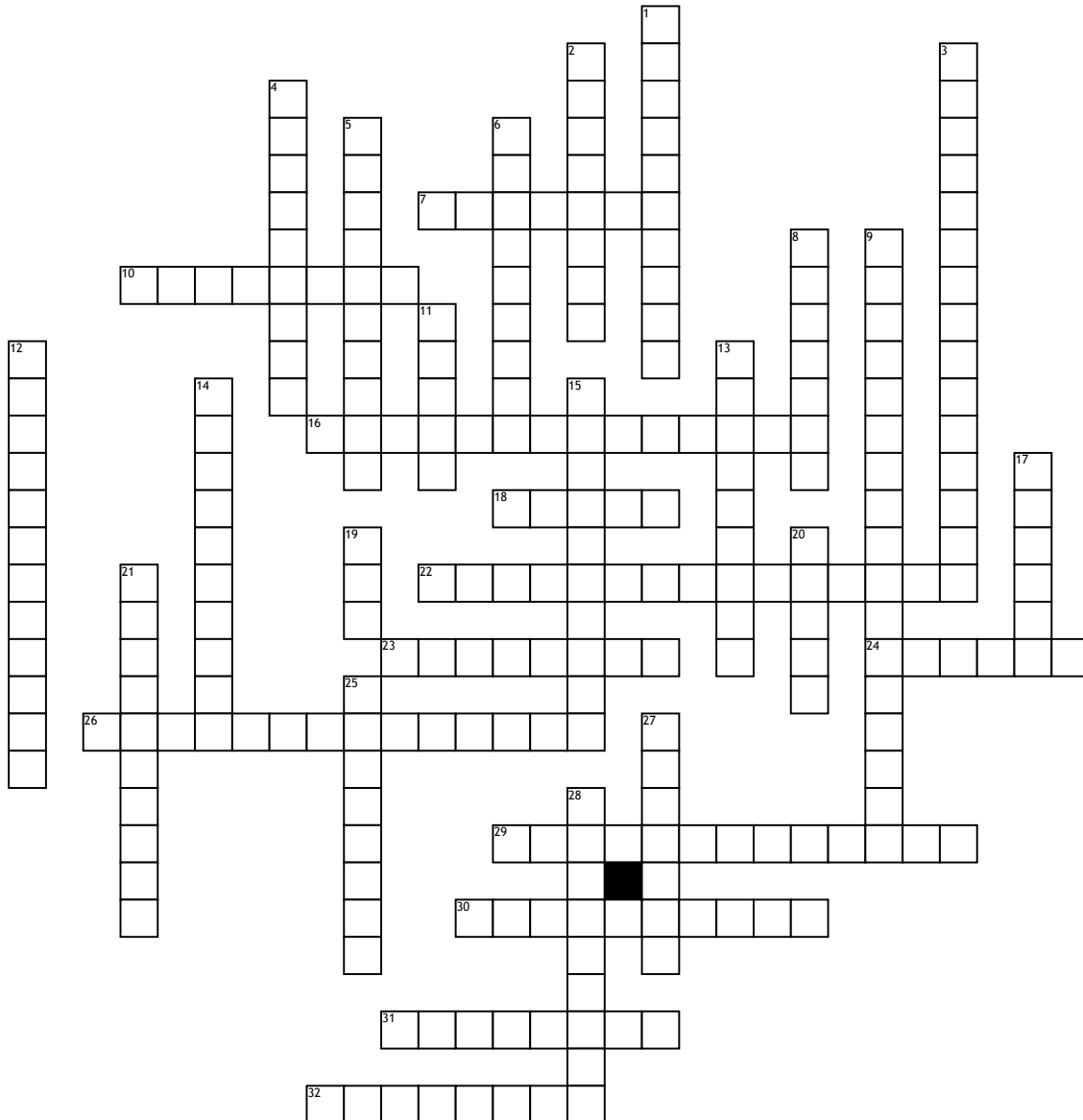


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# River Processes



## Across

7. The action of water wearing away rocks and soils on the valley bottom sides  
 10. Some minerals dissolve in the water  
 16. This type of erosion makes rivers wider  
 18. A type of mass movement where masses of soil or rock, flow like liquid downhill  
 22. Erosion that takes place on the river bed  
 23. A type of erosion where the water is slightly acidic so it can dissolve some rocks and minerals in contact with the river  
 24. As waterfalls form these form with it  
 26. A river picks up and carries material as it flows downstream  
 29. An area of land drained by a river and its tributaries  
 30. The breakdown and decay of rock by natural processes  
 31. Where does the lower course of the River Dee cross into?  
 32. A type of erosion where material carried in the river rubbing against the bed and banks of the channel

## Down

1. A process of weathering that happens when rainwater enters cracks and then freezes exerting pressure on the rock causing it to break into smaller pieces  
 2. A process of weathering when all rain is slightly acidic. The acid reacts with weak minerals causing them to disolve and the rock to decay  
 3. A type of erosion sheer force of water hitting the river bed and banks wearing them away  
 4. A type of erosion where sediment particles carried into the river collide with each other causing the edges to be knocked off  
 5. A process of weathering where the roots of pplants can grow into cracks and split the rock apart  
 6. Where is the source of River Dee?  
 8. A type of mass movement where soil moves rapidly downslope in one go for example a landslide  
 9. When rivers are small they tend to flow around these  
 11. Where is the River Dee located?

12. The movement of rocks and soil downslope due to gravity.  
 13. A type of mass movment where individual particles of soil move slowly down a slope  
 14. Silt and clay sized particles are carried within the water flow  
 15. When a river no longer has enough energy to carry its load  
 17. This is where the river came from in the upper course of a river  
 19. How high above sea level is the source of River Dee found, in metres?  
 20. This appears at the end of the lower course of a river  
 21. This is a result of erosion when more resistant rock overlaps less resistant rock  
 25. Rolling stones along the river bed  
 27. This happens in the middle course of a river and is a bend in a river  
 28. Sand sized particles bounce along the bed in a leap frog movement