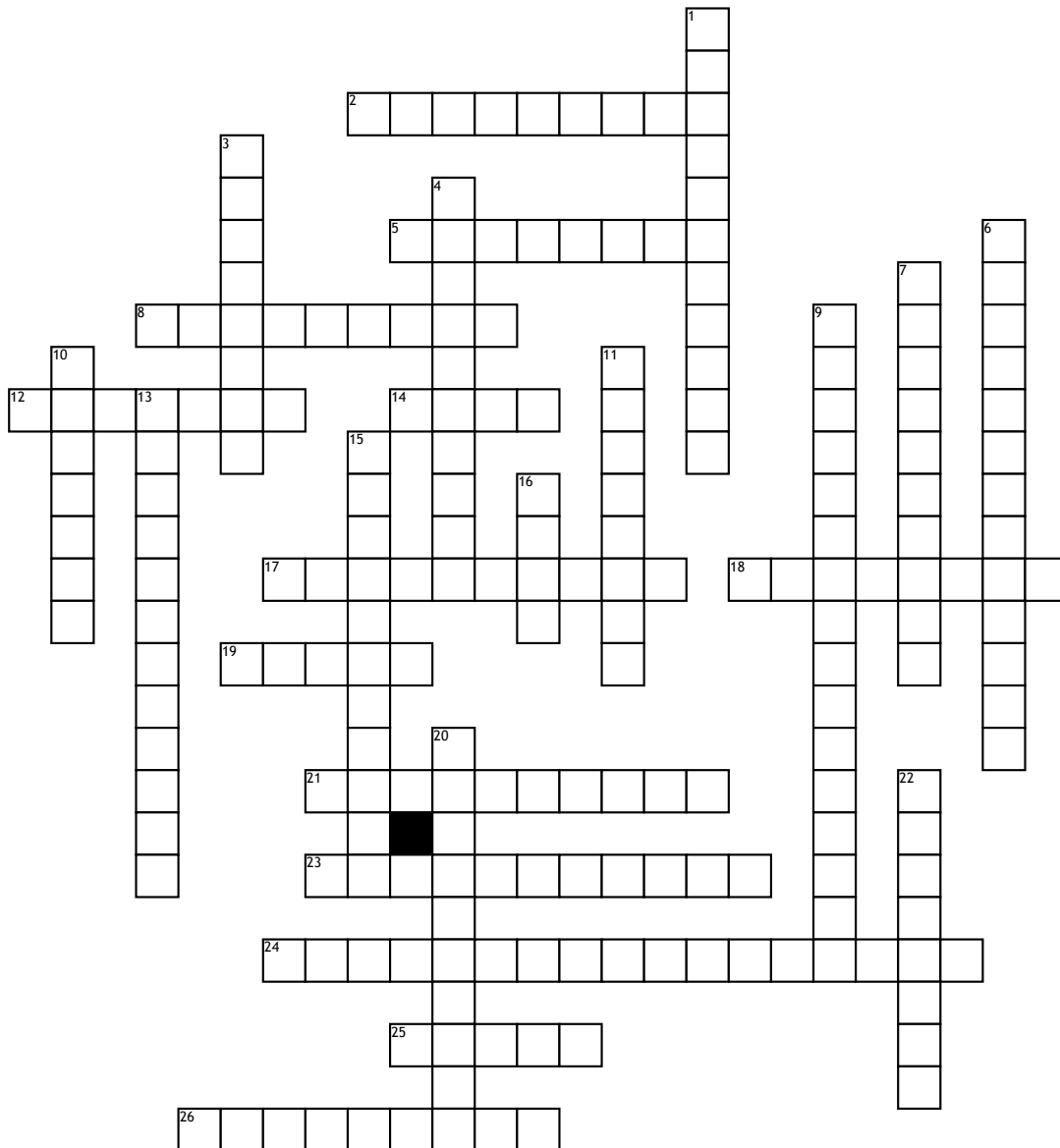


# Earth System



## Across

2. An animal that lives in the cryosphere  
 5. Created by erosion  
 8. When oxygen reacts with other chemicals  
 12. When particles are carried away  
 14. A type of physical weathering  
 17. Where soil derives from.  
 18. The top layer of soil  
 19. The thinnest layer of the geosphere  
 21. The breakdown of rock material  
 23. Fungi and bacteria

24. Occurs when sulfur and water vapor mix.

25. Fan shaped deposits near the sea

26. All life on earth

## Down

1. Includes all five of the spheres.

3. Directly above the parent rock

4. When particles are dropped off

6. One of the greenhouse gasses.

7. A type of physical weathering that occurs during temperature shifts.

9. When gasses trap heat in the atmosphere.

10. A type of physical weathering

11. A type of weathering that includes processes such as oxidation and acid precipitation.

13. Layers of soil

15. All of the oceans, rivers, and rainfall within Earth.

16. The inner most layer of the geosphere

20. Layers of gas that surround the earth

22. The most abundant gas in the atmosphere.