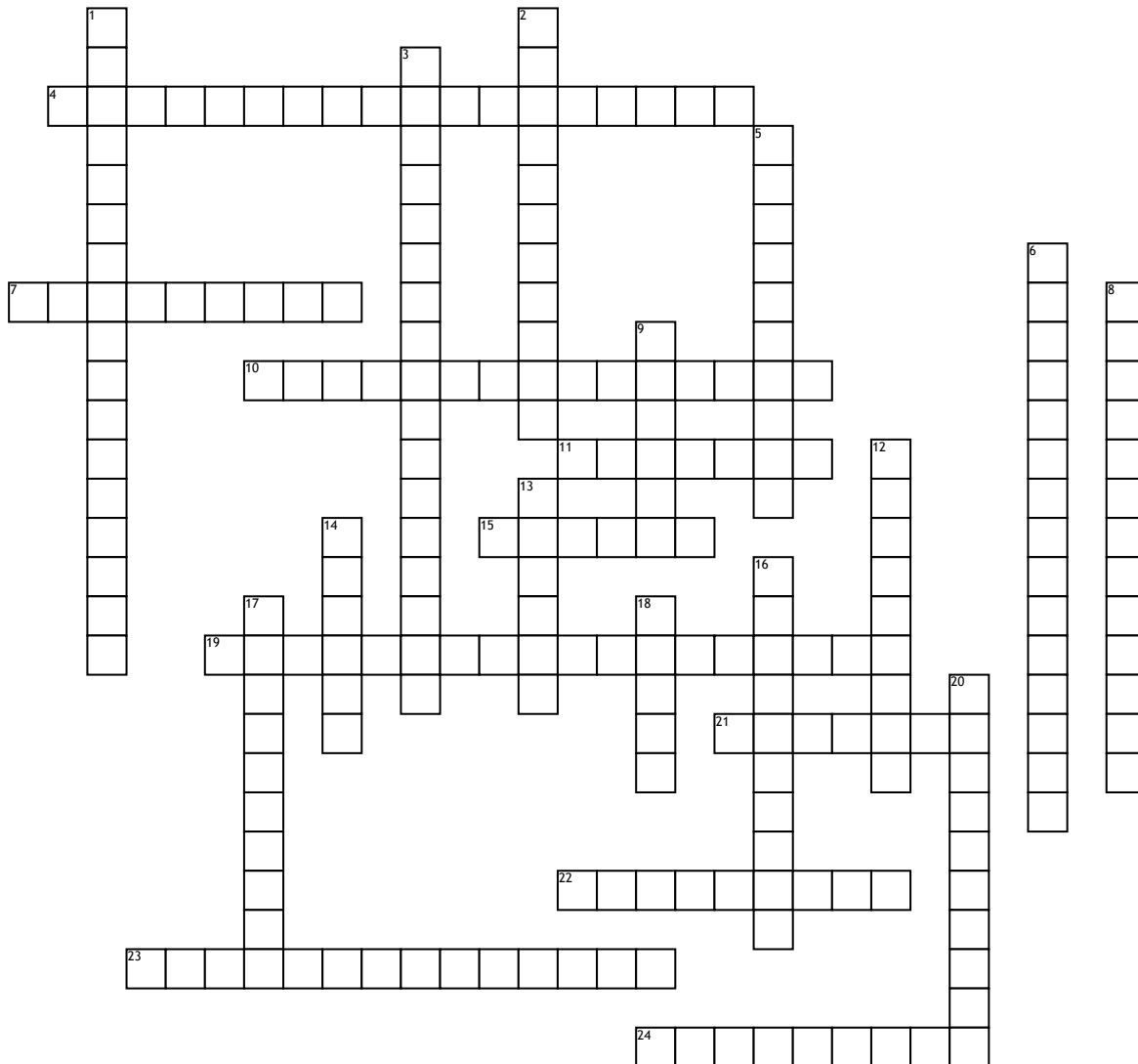


# Plate Tectonics



## Across

4. Earthquake activity that happens at the middle of a tectonic plate.  
 7. The point on earth's surface that's vertically above the focus of an earthquake.  
 10. A strike slip fault occurring in between to plates  
 11. Volcanic regions fed by the underlying mantle  
 15. The scientific theory that all the continents were a supercontinent millions of years ago.  
 19. The process where the continental lithosphere stretches.  
 21. A supercontinent that formed billions of years ago and broke apart millions of years ago.

22. A mild vibration before the regular earthquake.

23. The theory explaining plates on the lithosphere moving slowly over the mantle on earth's surface.

24. Where two plates slide past each other.

## Down

1. A current in fluid.  
 2. The outermost shell of earth.  
 3. New oceanic crust is formed through volcanic activity.  
 5. The process where one tectonic plate moves under another.  
 6. The area on the edge of tectonic plates where volcanic, seismic, and tectonic activity occurs as a result of the motion of the plates.  
 8. The upper layer of earth's mantle.

9. The middle of earth's interior made of hot rock.

12. The feature that exists when tectonic plates move away from each other.

13. A break in a body of rock which cause displacement on earth's surface.

14. The pieces of the earth's lithosphere that together make up the earth's surface.

16. Large rock that forms from cooled magma.

17. Where two plates slide and collide into each other.

18. The outermost layer of rock on the earth.

20. The countries and regions bordering the Pacific Ocean.