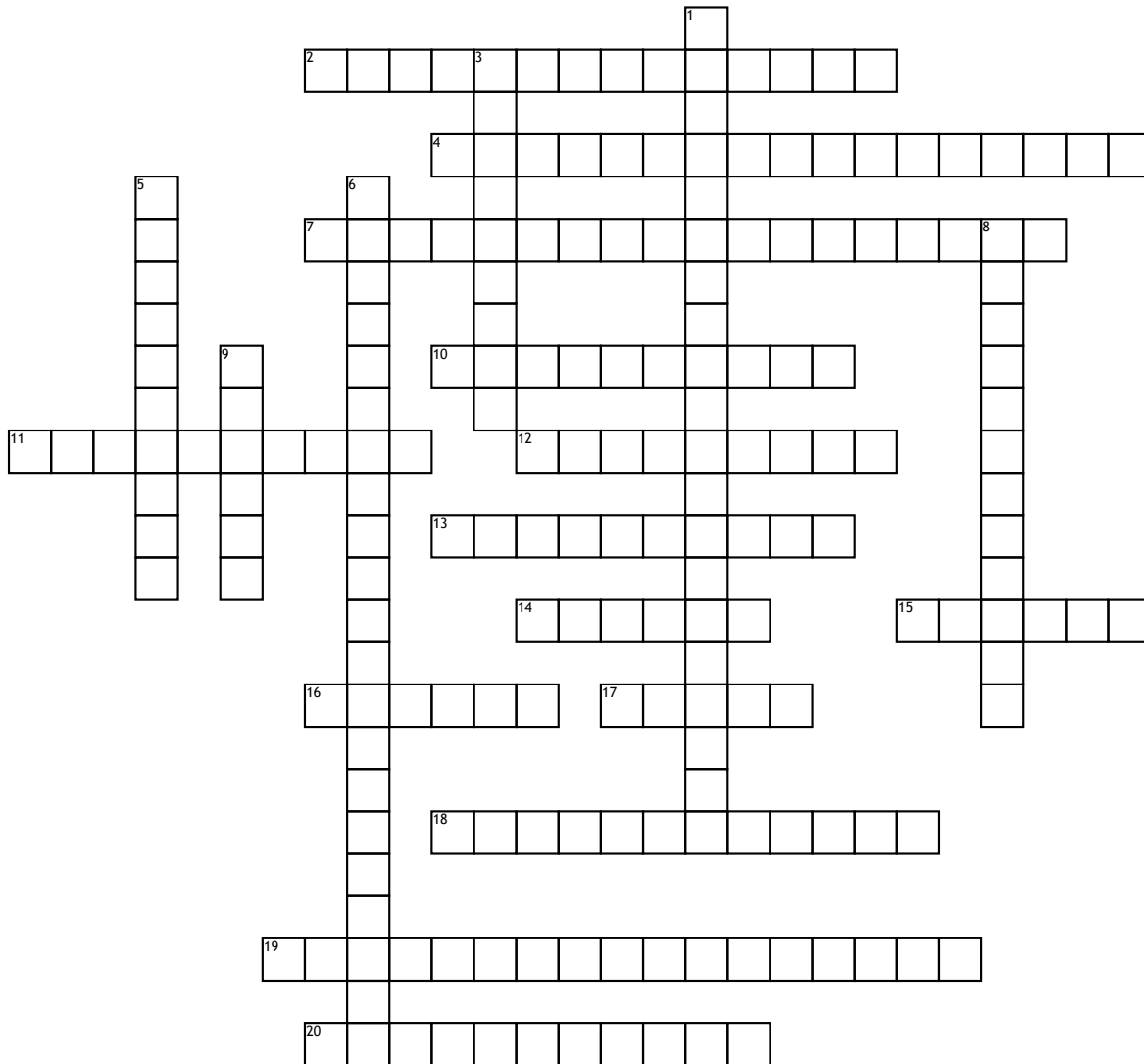


# Plate Tectonic by: Navia Minter



## Across

2. earth's, and plate motions into a single theory  
 4. plates move apart, or diverge  
 7. plates come together, or converge  
 10. is the record of an earthquake's seismic waves produced  
 11. where pieces of Earth's crust diverge on land  
 12. is a single number that geologists assign to an earthquake based on the earthquake size  
 13. is the shaking and trembling that results from movement of rock beneath Earth's surface

## Across

14. broken into uneven pieces  
 15. are seismic waves that can vibrate from side to side or up or down  
 16. breaks in Earth's crust where rocks have slipped past each other from along these boundaries  
 17. the area beneath earth's surface where rock that was under stress begins to break or move  
 18. move more slowly than p and s waves  
 19. plates slip past each other in opposite direction  
 20. an instrument that records and measures an earthquake's seismic waves

## Down

1. to rate the total energy an earthquake releases  
 3. the point on the surface directly above the focus  
 5. the process by which the ocean floor sinks beneath a deep-ocean trench and back into the mantle  
 6. rates the amount of shaking from an earthquake  
 8. scales based on the earliest magnitude scale  
 9. seismic waves that compress and expand the ground like an accordion