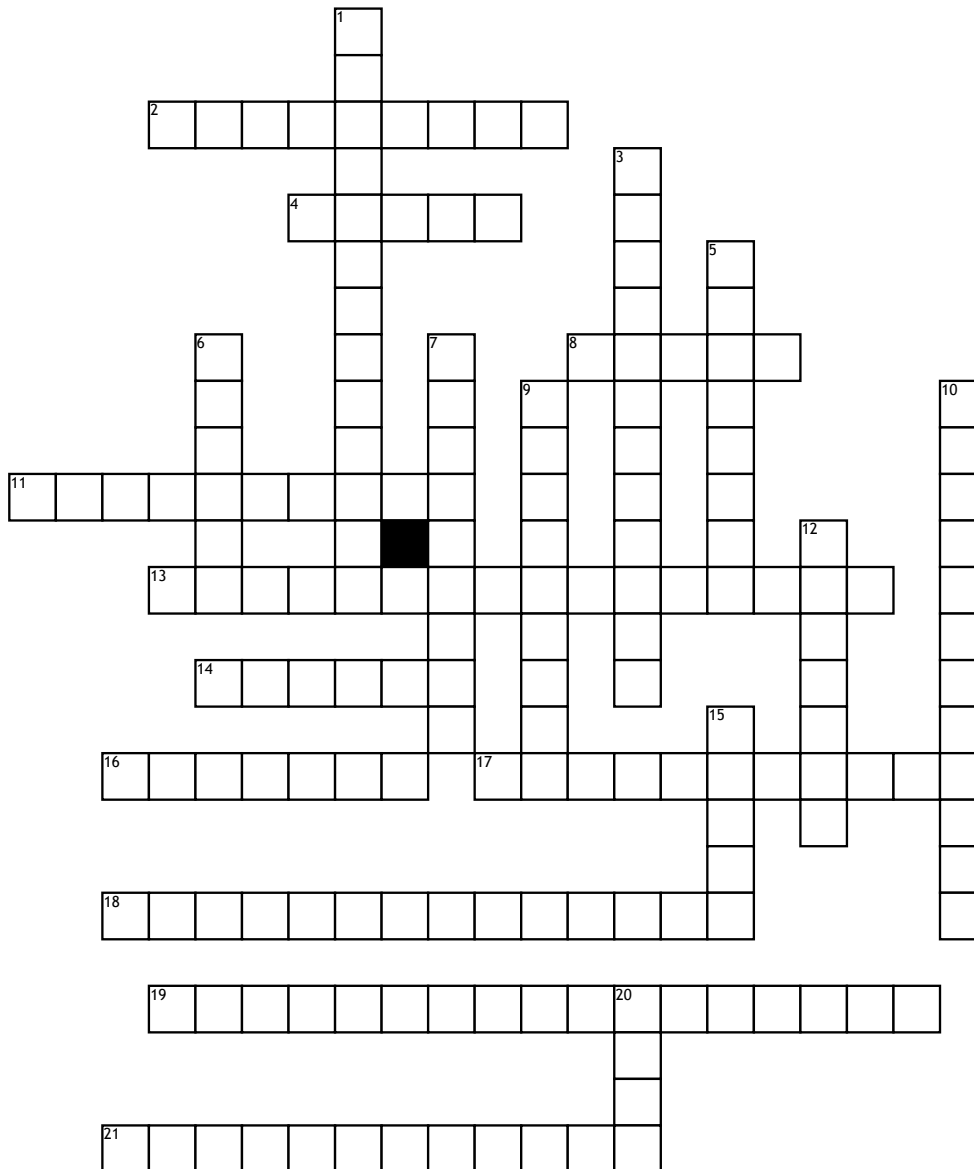


Name: \_\_\_\_\_

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

# Science Crossword



## Across

2. point of Earth's surface above an earthquake's focus (surface position)  
 4. surface along which rocks break and move  
 8. surface along which rocks break and move  
 11. vibrations caused by breaking rocks along faults  
 13. release of nuclear particles and energy from an unstable atomic nuclei  
 14. steep-walled depression around a volcano's vent  
 16. remains or traces of a once living organism preserved by rock  
 17. device used by seismologists to record primary, secondary, surface waves from earthquakes

18. theory that Earth's crust and the upper mantle are broken into sections that move around on a plastic-like layer of the mantle

19. steep-sided volcano made of loosely packed tephra  
 21. scientist who studies earthquakes and seismic waves

## Down

1. a broad volcano with gently sloping sides  
 3. solid, igneous core of a volcano left behind when a volcano stops erupting  
 5. time needed for one half-life the mass of a sample of a radioactive isotope to decay  
 6. bits of rock or solidified lava dropped from the air

7. liquid core that surrounds Earth's solid inner core, and that is made mostly of iron

9. measure of the energy released by the earthquake

10. plastic-like layer below the lithosphere

12. large opening formed when the top of a volcano collapses

15. in an earthquake, the point beneath Earth's surface where energy release occurs

20. an opening on the Earth's surface where magma is forced up and flows out as lava