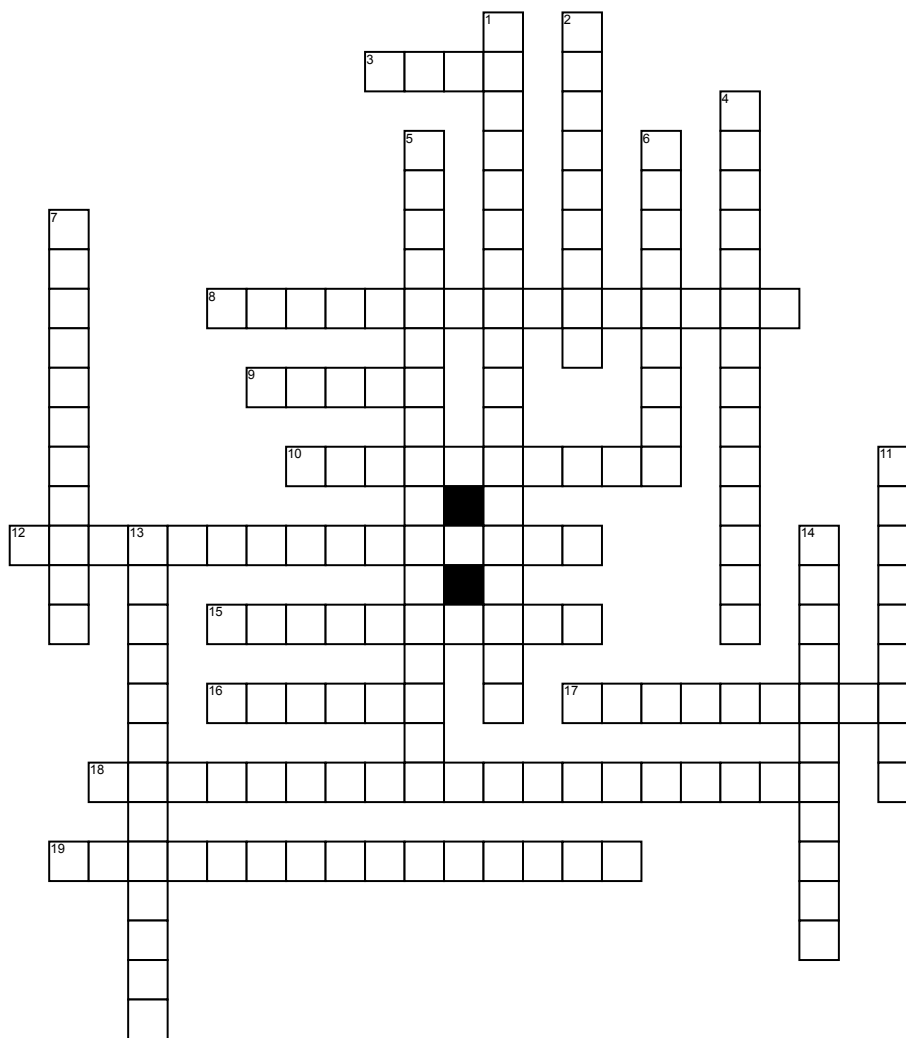


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Earth Science Crossword Puzzle



## **Across**

3. Mostly iron.  
 8. Sediments go through compaction and cementation to form this.  
 9. Outermost chemical layer of Earth.  
 10. Strong, lower part of mantle.  
 12. Rock is exposed to heat and pressure.  
 15. Tectonic plates collide.  
 16. The deeper you go in, the higher the temperature and pressure get.

17. Produces the Earth's magnetic field.

18. Builds up/creates features on Earth's surface.

19. Shows elevation and surface features on Earth.

## **Down**

1. Tears down/destroys features on Earth's surface.

2. Tectonic plates slide past each other.

4. Two tectonic plates collide and the denser plate sinks into this area.

5. Is caused by hot rock rising and cooling, horizontally spreading out, and sinking back into the mantle.

6. High pressure causes it to be solid.

7. The crust and upper most mantle.

11. Tectonic plates separate.

13. Made of plastic rock.

14. Forms when magma or lava cool and harden.

## **Word Bank**

Inner Core  
 Mesosphere  
 Sedimentary Rock  
 Mantle  
 Metamorphic Rock

Asthenosphere  
 Core  
 Subduction Zone  
 Topographic Maps  
 Constructive Process

Convection Current  
 Lithosphere  
 Transform  
 Divergent  
 Crust

Igneous Rock  
 Outer Core  
 Destructive Process  
 Convergent