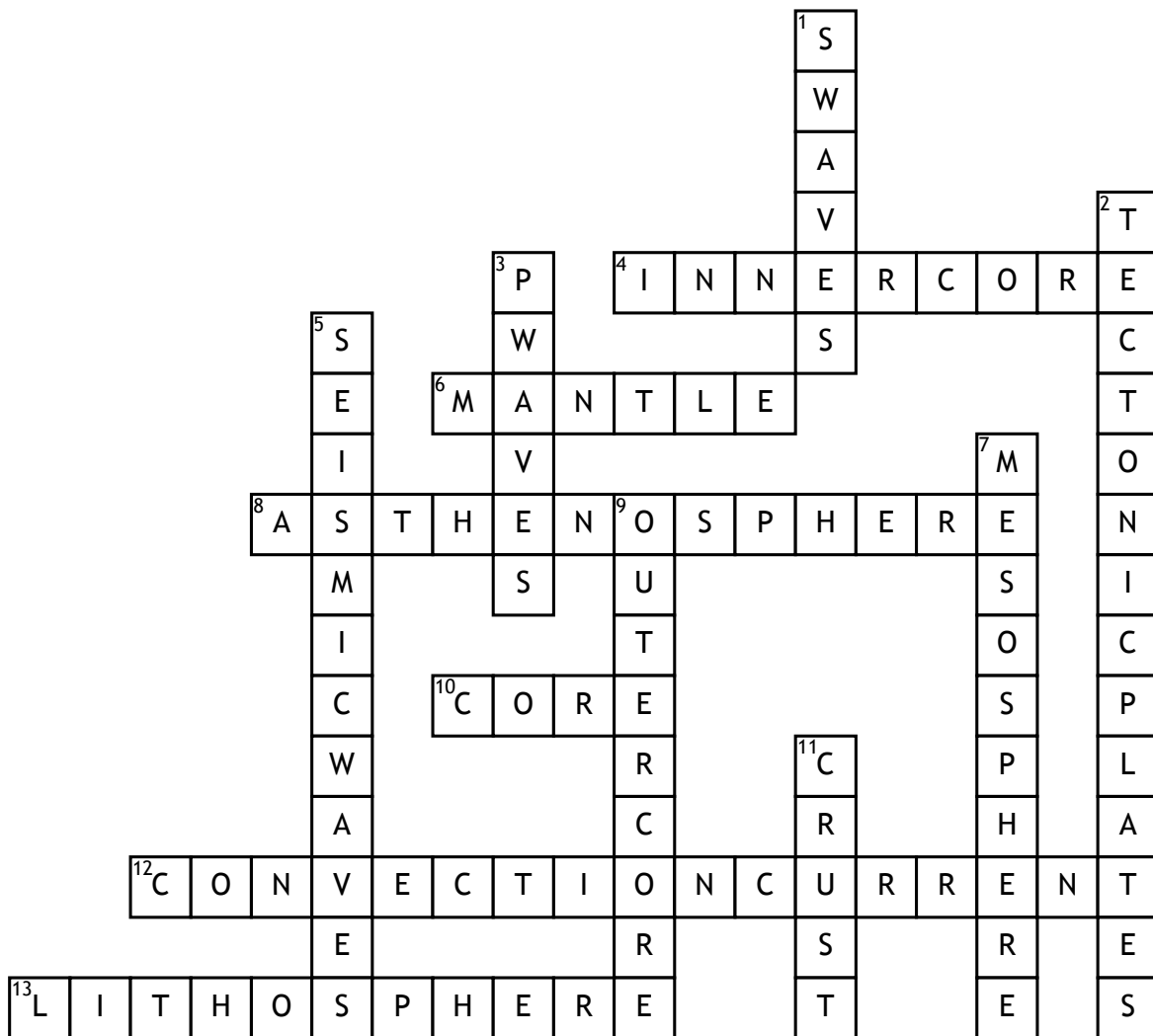


Name: \_\_\_\_\_

# Earth's Layers



## Across

4. Densest part of the Earth  
 6. A thick, mostly solid layer that contains ~67% of Earth's mass  
 8. The tectonic plates move on top of this layer  
 10. Contains 33% of Earth's mass

12. The circular motion of heating, rising, cooling and sinking magma

13. A layer which includes the Earth's crust and upper mantle

## Down

1. Type of seismic waves that can travel through solids but not a liquids  
 2. The Lithosphere is broken into pieces called

3. Type of seismic wave that can travel through solids and liquids

5. Waves produced by earthquakes that help us study the inner layers of the Earth

7. The middle layer of the Earth

9. A liquid layer of iron and nickle

11. The outermost layer of the Earth