

Science Assignment  
Week Seven

1. The earth's crust is broken into several large pieces called **Tectonic Plates**.
2. Tectonic plates move at a high rate of speed. **True False**
3. Deep beneath the earth, heat rises from the core through the mantle to the surface of the earth. **True False**
4. Ocean plates are heavier than continental plates, so these plates are always dragged beneath. **True False**
5. Plates are made of rigid **lithosphere**.
6. What lies beneath the tectonic plates? **The Asthenosphere**.
7. The earth is made up of the following three layers:  
**Core, Mantle, and Crust**.
8. The earth's crust is made up of the **Continental** crust and the **Oceanic** crust.
9. Boundaries between two plates that are colliding (  $\rightarrow \leftarrow$  ) are **convergent** boundaries.
10. Boundaries between two plates that are pulling apart (  $\leftarrow \rightarrow$  ) or rifting are **divergent** boundaries.
11. Boundaries between two plates that are sliding past each other are **transform** boundaries.
12. The Pacific Ring of Fire is known for earthquakes mostly focused at plate margins. **True False**
13. Volcanoes occur only in one half of the world while the other half of the world experiences earthquakes. **True False**