

**Plate Boundaries – Notes**

1. What is the “Ring of Fire”?
2. What are plate tectonics?
3. What part of the earth makes up the plates?
4. What processes take place where these plates meet?

**Sliding plates**

5. What is a transform boundary?
6. What releases pressure between the plates?
7. What are common along these sliding boundaries?
8. Where is a transform boundary currently located?

**Spreading plates**

9. What is a divergent boundary?
10. What are common at divergent boundaries?
11. What happens to the lithosphere here?
12. Where is a divergent boundary currently located?

### **Colliding plates**

13. What is a convergent boundary?
  
14. What are the individual thicknesses of the ocean and continental crusts?
  
15. Why is the oceanic crust denser than the continental crust?
  
16. What is a subduction zone? (include a diagram)
  
17. What are common at subduction zones?
  
18. Where is a subduction zone currently located?
  
19. What happens when two pieces of continental crust/lithosphere collide?
  
20. Where is a continent to continent boundary currently located?

### **Hotspots**

21. What is unique about where Hawaii is located?
  
22. What is a hotspot?
  
23. When will we have a new Hawaiian island, and what is its name?