**EARTH HISTORY 1 STUDY GUIDE**

**TERMS & CONCEPTS**

Directions:  Identify the meaning and/or importance of the following concepts.  Use your notes and textbook to help you.

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| **TERMS** | **DEFINITION** |
| 1. layers of the earth  |  |
| 2. convection  |  |
| 3. lithosphere  |  |
| 4. asthenosphere |  |
| 5. volcanism |  |
| 6. continental drift |  |
| 7. ocean trench  |  |
| 8. Pangaea  |  |
| 9. hotspots  |  |

**Reflection Questions**:

Directions:  Use your notes, the Canvas modules, and textbook pages to answer the following questions.

10. In what ways does the lithosphere differ from the asthenosphere?

11. How does the density of the material differ from the inner core to the crust?

12. What are 3 pieces of evidences proving continental drift?

13. How does the age of the sea floor show that the tectonic plates move?

14. What causes plate tectonic to move? Describe the steps.

15. What evidence did Alfred Wegener **not use** to support his theory of continental drift?

16. Describe the three types of boundaries.

17. How do records of magnetic reversals show that plates move apart?

18. Where is crust being created?

19. Where is crust being destroyed?

20. Describe what is happening at a subduction zone.