# Planet Earth

1. List 4 qualities to look at when attempting to identify minerals.
2. List the 3 rock families and describe in detail how rocks in each family are formed. Intrusive vs extrusive. Give one example of a rock from each family.
3. Moh’s Hardness Scale.
4. Draw a diagram of the Rock Cycle and label.
5. What are mechanical weathering, biological weathering and chemical weathering? Give an example of each.
6. Describe the process involved in frost wedging.
7. Explain the Theory of Continental Drift
8. What did scientists question whether continental drift was true or not?
9. How is the idea of Continental Drift different than Plate Tectonics? How are they the same?
10. Describe what is happening at:
    * + - 1. converging plates
          2. diverging plates
          3. transform boundaries
11. What is a subduction zone?
12. What evidence did Wegener refer to that supported his Theory of Continental Drift?
13. What 3 types of waves are associated with earthquakes?
14. List the characteristics of the 3 types of waves.
15. Explain the difference between the focus and the epicenter of an earthquake.
16. Define:
    1. Original remain
    2. Trace fossils
    3. Cast/Mould
17. Law of superposition, crosscutting, inclusions
18. Layers of the earth: Core, Inner mantel, Outer Mantel, Crust (Lithosphere)