**Beginning Earth Science Inventory**

1. Write in proper symbols the basic metric unit for length, mass and volume.
2. Explain the difference between Mass and Weight.
3. Which measurement is most closely related to size: mass, volume, or length.
4. What is the difference between an Observation and an Inference.
5. Define Density and predict which phase of matter usually has the highest and which has the lowest density.
6. Why did #5 say **usually**?
7. What **does** and **does not** affect density?
8. What are units of density?
9. Using a Mass- Volume graph predict:
10. The density of a substance.
11. How densities of various substances compare.
12. A Mass of a given volume.
13. A Volume of a given mass.
14. The ability to float in water or not.
15. 3000000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. 5x103 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. Determine the order of fluid density in a column? 
18. Be able to plot any data set on a X-Y axis knowing what variable goes on the horizontal axis.
19. What are the major fields of Study in Earth Science?