**Monday, August 31, 2015**

**Objectives:**

1. Know how to make a graph using a set of data, including best-fit line and equation.
2. Know how to do a one step conversion, and a multi-step conversion.

**Announcements:**

1. Project Data, Data Tables and Graph with best fit line equation revision due Wednesday
2. **Conversion HW # 1-12 due Wednesday. 3 points EC for each correct answer for 13-15. Must show all work and units for all problems.**

**What we are doing today:**

1. Graph and Best Fit Line Equation Practice: Depth & Pressure
   1. Draw a best fit line
   2. Y=mx + b
      1. Finding m (slope)
      2. Finding b (y-intercept) algebraically
      3. Solving for Y
      4. Solving for x
2. Dimensional Analysis Practice: Try problem 3 on homework together
3. Video: Dimensional Analysis
4. Classwork Practice / Homework (NEED A CALCULATOR FOR THIS)
   1. Problem 3 together
   2. Work on problems 1-12 with the time you have left in class. Questions 13-15 are extra credit. You MUST show all 4 steps for solving a conversion for EACH problem to get full credit. Include ALL units.

Due Wednesday