**Wednesday, January 7, 2015 (Red--Biology)**

**Objectives:**

1. Understand the relationship between increase in CO2 levels in the atmosphere and increase in global temperature.
2. Know why Carbon Dioxide is good and why it is bad.

**Announcements:**

**What we are doing today:**

1. Timesheet Week 1 --Wednesday
2. Hall Passes—4 for the semester.
3. The Big Questions Posters

* Quick Gallery Walk
* Take a few notes on each poster. Be sure to write the question on your notes paper too so you know what the answer means.

1. Video: Bill Nye—Global Climate Change 101
2. Graph: Carbon Dioxide & Climate
   1. Review procedures for making a good graph.
   2. Graph the data on carbon dioxide and global temperature
      1. Use a PENCIL!!!
      2. Color Code the two lines and make a key.
      3. Answer the question on the back in an 8 sentence paragraph format.
         1. Topic Sentence, 3 examples / evidence with an explanation of each, concluding statement
         2. Check: spelling & punctuation
         3. Writing must be legible.
3. Vocabulary: List 1
   * + 1. Global Climate Change
       2. Global Warming
       3. Carbon Dioxide
       4. Renewable Energy
       5. Sustainable Resource Use
       6. Non-Renewable Energy
       7. Photosynthesis
       8. Cellular Respiration
       9. Oxygen
       10. Sustainability