**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