**Wednesday, Oct. 8th . (Gold)**

**Objectives:**

1. Know the characteristics used to describe a population.
2. Identify factors that affect population growth.
3. Compare and contrast logistic and exponential growth.

**Announcements:**

1. Remember to check your grade in IC frequently.
2. Vocabulary Week 6 is due Tuesday 10/14

**What we are doing today:**

1. Timesheet & Warm-Up
	1. Timesheet Weeks 7 & 8
		1. Please fill out the full heading on the top of the timesheet.
	2. Water Cycle Vocab for warm-up today.
2. How Populations Grow Notes
	1. Describing Populations
	2. Population Growth: Birth Rates & Death Rates, Immigration & Emigration
	3. Exponential vs. Logistic Growth
3. Lab Activity: Random Sampling of a Population
	1. Follow the instructions on the lab activity to complete the random sampling.
	2. Turn in when finished.
4. Vocabulary Week 6 (10 total words) Due Tuesday 9/14

Immigration

Emigration

Age Structure

Population Density

Carrying capacity

Exponential growth

Logistic growth

Limiting factor

Density dependent limiting factor

Density independent limiting factor