



Mr. Silluzio
AP Biology Lesson Plan
Date: 9/6/2018

Topic: Review Statistics (Chi square)/Whole class Instruction on Macromolecules

Summary: After a brief review of statistics covered, mostly chi square, students will have whole class instruction on macromolecules. Most of the discussion will focus on carbohydrates and lipids. If time is available, proteins will also be discussed (at the review level today)

Goals/Objectives:

- Understand the how to use chi square analysis and understand in which situations to use it.
- Understand the concept of null hypothesis and understand under which circumstances the null hypothesis can be rejected or accepted.
- With special focus on carbohydrates and lipids, students will participate in whole class instruction.

Standards:

- Understanding statistics in biology

Time Required: 1 80 minute period

Prerequisite Knowledge: Sophomore biology macromolecules

Accommodations: All hard copies are backed up online. All students due to small class size are closely supervised.