



Mr. Silluzio
AP Biology Lesson Plan
Date: 9/4/2018

Topic: Statistics (Chi square)/Macromolecules

Summary: While much of the class will be on an activity designed to allow students an opportunity to test probability using a statistical equation called chi square, there will be some continued discussion of macromolecules (review).

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 proteins, understand the functions of specific types of proteins and the critical role the understanding of proteins plays in the field of biomedical science. (review)

Standards:

- Understanding statistics in biology

Time Required: 2 80 minute period

Prerequisite Knowledge: Review activity

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