



**Mr. Silluzio**  
**BioMed Lesson Plan**  
**Date: 9/7/2018**

**Topic:** Macromolecules

**Summary:** Whole class instruction on Macromolecules with special focus on Carbohydrates and lipids. This lesson provides a review/follow up on the activity using models.

**Goals/Objectives:**

- Understand the structure and various functions of Carbohydrates, Lipids, proteins and nucleic acids.
- Using models, gain a better understanding of molecular structure.
- With special focus on carbohydrates and lipids, understand the functions of specific types of lipids and the critical role they play in structure and functioning of the cell membrane.

**Standards:**

- Students will understand the similarities and differences between the four major biological molecules.
- Students will understand the structure and function of various lipids and carbohydrates.

**Time Required:** 1 80 minute period

Homework: complete questions corresponding to models lab. Read Chapter 2 in Holes Anatomy.

**Prerequisite Knowledge:** Review activity

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