



**Mr. Silluzio**  
**Biology Lesson Plan**  
**Date:**

**Topic: Chemistry of Life: Introduction to Biological Molecules; Carbohydrates, Lipids, Proteins and Nucleic Acids**

Summary: Whole class instruction relevant to protein structure is followed by further information to prep for protein lab. A portion of whole class instruction reviews last week's lab activity. Nucleic acids are briefly introduced but only as far as to show that they hold the code/blueprints for making proteins.

**Goals/Objectives:**

- Differentiate between the four.
- Understand proteins as three dimensional molecules whose structure is specific to its function.
- Understand that enzymes are a class of proteins that have specific regions responsible for catalyzing chemical reactions.

**Standards:**

**[Corresponding Curriculum](#)**

**Time Required:**

**1 80 minute periods (time distributed over several periods)**

**Homework:** Read chapters 2 and 3 Campbell and Key terms vocabulary

**Prerequisite Knowledge:**

Understanding of protein structure (basic) and covalent.

**Accommodations:**

Notes, resources and enrichment material are available on a class webpage.