



Mr. Silluzio
Biology Lesson Plan
Date:

Topic: Chemistry of Life: Biological Molecules with focus on nucleic Acids

Summary: Whole class instruction on nucleic acids will precede an activity that provides students an opportunity to use a tool to determine amino acid sequences based on genetic codes. The information is basic but provides a preview of more specific instruction on genetics planned for later in the year.

Goals/Objectives:

- Understand the structure and function of nucleic acids.
- Differentiate between DNA and RNA in terms of both structure and function.
- Be able to use the genetic code wheel to determine amino acid sequence.

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 primary structure, peptide bonds and basic nucleic acid structure.

Accommodations:

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