



Mr. Silluzio
Biology Lesson Plan
Date:

Topic: Introduction to Chemistry of Life

Summary: As whole class instruction, students are introduced to the periodic table, atomic structure, the octet rule and hydrocarbon shorthand. Students break into groups and solve octet rule and hydrocarbon shorthand problems.

Goals/Objectives:

- Understand the structure of an atom/the properties of their subatomic particles.
- Understand that atoms bind in predictable patterns as dictated by their valence properties.
- Be able to interpret hydrocarbon short hand.

Standards:

[Corresponding Curriculum](#)

Time Required:

2 80 minute periods (time distributed over several periods)

Prerequisite Knowledge:

Basic understanding of atomic structure

Accommodations:

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