

Unit Planner

Scientific Method, Biological Themes, Inorganic Chemistry

Date	Day	Information Covered ~ Assignments ~ Homework Due
Fri 9/19	A	Course Information, Rules, Website/Notes Policy, Safety Contract, Book Distribution
Mon 9/12	B	Discuss Science & Scientific Method, Scientific Method Lab (50) HW Due: Safety Contract (10)
Wed 9/14	D	What is Science?, Scientific Method Notes, Lab Report Format, Metric System Notes, Metric System WS (20)
Thurs 9/15	E	Biology Notes, Characteristics of Life WS (10) HW Due: Book Covers (10)
Fri 9/16	F	Quiz (30), Inorganic Chemistry 1, Atomic Structure WS (20) HW Due: p10 & 20 #1-6 (20)
Tues 9/20	H	Inorganic Chemistry 2
Wed 9/21	A	Inorganic Chemistry Worksheet (40) HW Due: p33 Review ?s, 149 Problem Solving, 155 #1-5 (30)
Thurs 9/22	B	pH Lab (50)
Mon 9/26	D	Review
Tues 9/27	E	Test: Scientific Method, Biological Themes, Inorganic Chemistry (100)

Essential Questions:

What is the goal of science?

How do scientists test hypotheses and how does a scientific theory develop?

What are some characteristics of living things and how can life be studied at different levels?

What three subatomic particles make up atoms and how are all of the isotopes of an element similar?

What are the two main types of chemical bonds and why are water molecules polar?

What are acidic and basic solutions?

Massachusetts Curriculum Frameworks:

1.1 Recognize that biological organisms are composed primarily of very few elements. The six most common are C, H, N, O, P, and S.