

Topic Schedule

Summer • 2004-2005

Date	Ch	Activities
Wed 6/23	1	Elements, Observations, Safety, Introduction, Physical/Chemical Changes & Properties
Thurs 6/24	1	Element Quiz, Safety Quiz , Significant Figures & Measurements
Fri 6/25	1	Significant Figures & Scientific Notation, density, extensive vs. intensive properties, dimensional analysis, Element Quiz 2 , Mixtures
Mon 6/28	1	Chapter 1 Test ; The Atomic Theory
Tues 6/29	2	Protons, Neutrons, and Electrons; Atomic Mass & Isotopes; Mendeleev and the Periodic Table
Wed 6/30	2	The Elements, Their Chemistry, and The Periodic Table; Chemical Families;
Thurs 7/1	2	Chapter 2 Test ; Molecular and Structural Formulas; What are Ions; Ionic Compounds; Writing Formulas for Ionic Compounds; Naming Ionic Compounds; Naming Binary Nonmetal Compounds
Fri 7/2	3	Ion Quiz #1; Quiz on Writing and Naming Compounds ; The Mole; Molar Mass; Mole Calculations; Percent Composition; Empirical and Molecular Formulas
Tues 7/6	3	Ion Quiz #2 ; Mole Calculation Practice
Wed 7/7	3	Hydrides and Hydrated Compounds; Determining the Empirical Formula of an Unknown Compound using Stoichiometry
Thurs 7/8	3	AP Problems; Study Questions; Stoichiometry; Review: for Chapter 3 Exam
Fri 7/9	3	Chapter 3 Test ; Chemical Reactions and Interpreting Chemical Equations; Writing and Balancing Combustion Equations; Precipitate Labeling; Balancing Equations
Mon 7/12	4	Writing Molecular, Ionic, and Net Equations; Finding the Ratio of Moles of Reactant in a Chemical Reaction
Tues 7/13	4	Balancing Equations Quiz ; Stoichiometry (Using Chemical Formula Information); Limiting Reactant Calculations; Actual Yield, Theoretical Yield, Percent Yield; AP Questions
Wed 7/14	4	Mega Ion Quiz ; Determining Formulas from Experimental Data; AP Qxns; Stoichiometry Quiz
Thurs 7/15	4	Chapter 4 Test
Fri 7/16	5	Solutions, Solubility Rules; PPT Lab (Writing Precipitation Reactions); Household Products (Acids, Bases, and Salts; Electrolytes);
Mon 7/19	5	Ion & Solubility Rule Quiz ; Finish Labs, Types of Reactions in Aq, Solution; Naming Acids
Tues 7/20	5	Naming Quiz , Double Replacement Reactions—Driving Forces; [Gas-Forming Reactions; Precipitation Reactions; Weak Electrolyte Formation;] Demo: Oxides of Metals and Non-metals; Oxidation-Reduction Reactions, Determining Oxidation Numbers;
Wed 7/21	5	Double Replacement Equation Quiz; Quiz on Oxidation Numbers ; Molarity, Titrations, Stoichiometry of Solutions, NChO Stoichiometry Questions
Thurs 7/22	5	Titration Lab, Review Practice Test & NChO Questions
Fri 7/23	5	Chapter 5 Test + Predicting Reactions AP Question · Review NChO Stoichiometry Problems
Mon 7/26		Return Ch 5 Test • Review for Final Exam • Final Exam--AP Questions
Tues 7/27		Final Exam (Chapters 1 – 5) • Colligative Properties (Making Ice Cream)