

Fall 2019 Chemistry Syllabus

Instructor: Stephanie Bertelson

Assistant: Julie Nofsinger

Required Materials: Glencoe Chemistry Matter and Change, 2008 Student Edition, ISBN 9780078746376

Lab Book (purchase from teacher at start of school year)

Calculator (Texas Instruments model TI-30X-IIS)

Date	Chapter	Class Time	Turn In
9/6/2019	Chapter 1: Introduction to Chemistry	Safety First! ChemLab 1 Forensics: Identify Water Source MiniLab 2 Determine Density	Safety Contract Lab Safety Forms (2) ChemLab 1 Pre-Lab
9/13/2019	Chapter 2: Analyzing Data	ChemLab 2 Forensics: Use Density to Date a Coin	Lab Safety Forms (1) ChemLab 1 Lab Worksheet ChemLab 2 Pre-Lab
9/20/2019	Chapter 3: Matter - Properties and Changes	LaunchLab 3 Observe a Chemical Change ChemLab 3 Identify products of a chemical reaction	Lab Safety Forms (2) Chemlab 3 Pre-Lab Ch 2 Lab Worksheets
10/4/2019	Chapter 4: The Structure of the Atom	Bohr Model Activity (not a lab) ChemLab 4 Model Atomic Mass	Lab Safety Forms (1) Chemlab 4 Pre-Lab Ch 3 Lab Worksheets
10/11/2019	Chapter 5: Electrons in Atoms	MiniLab 5 Identify Compounds ChemLab 5: Analyze Line Spectra	Lab Safety Forms (1) Ch 4 Lab Worksheet
10/18/2019	Chapter 6: The Periodic Table and Periodic Law	MiniLab 6 Organize Elements ChemLab 6 Investigate Descriptive Chemistry	Lab Safety Forms (2) Chemlab 6 Pre-Lab Ch 5 Lab Worksheets
11/1/2019	Chapter 7: Ionic Compounds and Metals	MiniLab 7 Observe Properties ChemLab 7 Synthesize an Ionic Compound	Lab Safety Forms (2) Chemlab 7 Pre-Lab Ch 6 Lab Worksheets
11/8/2019	Chapter 8: Covalent Bonding	ChemLab 8 Model Molecular Shapes	No Lab Safety Form Chemlab 8 Pre-Lab Ch 7 Lab Worksheets
11/15/2019	Chapter 9: Chemical Reactions	LaunchLab 9 Chemical Change ChemLab 9 Develop an Activity Series	Lab Safety Forms (2) Chemlab 9 Pre-Lab Ch 8 Lab Worksheet
12/9/2019	Chapter 10: The Mole	LaunchLab 10 How much is a mole? ChemLab 10 Determine the formula of a hydrate	Lab Safety Forms (2) Chemlab 10 Pre-Lab Ch 9 Lab Worksheets