Fall 2018 Chemistry Syllabus

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
8/31/2018	Chapter 1: Introduction to Chemistry	Safety First! **ChemLab 1** Forensics: Identify Water Source **MiniLab 2** Determine Density	Safety Contract Lab Safety Form ChemLab 1 Pre-Lab
9/7/2018	Chapter 2: Analyzing Data	**ChemLab 2** Forensics: Use Density to Date a Coin	Lab Safety Form ChemLab 1 Lab Worksheet ChemLab 2 Pre-Lab
9/21/2018	Chapter 3: Matter - Properties and Changes	**LaunchLab 3** Observe a Chemical Change **ChemLab 3** Identify products of a chemical reaction	Lab Safety Form Chemlab 3 Pre-Lab Ch 2 Lab Worksheets
10/5/2018	Chapter 4: The Structure of the Atom	Bohr Model Activity (not a lab) **ChemLab 4** Model Atomic Mass	Lab Safety Form Chemlab 4 Pre-Lab Ch 3 Lab Worksheets
10/12/2018	Chapter 5: Electrons in Atoms	**MiniLab 5** Identify Compounds **ChemLab 5**: Analyze Line Spectra	Lab Safety Form Ch 4 Lab Worksheet
10/19/2018	Chapter 6: The Periodic Table and Periodic Law	**MiniLab 6** Organize Elements **ChemLab 6** Investigate Descriptive Chemistry	Lab Safety Form Chemlab 6 Pre-Lab Ch 5 Lab Worksheets
11/2/2018	Chapter 7: Ionic Compounds and Metals	**MiniLab 7** Observe Properties **ChemLab 7** Synthesize an Ionic Compound	Lab Safety Form Chemlab 7 Pre-Lab Ch 6 Lab Worksheets
11/9/2018	Chapter 8: Covalent Bonding	**ChemLab 8** Model Molecular Shapes	No Lab Safety Form Chemlab 8 Pre-Lab Ch 7 Lab Worksheets
11/16/2018	Chapter 9: Chemical Reactions	**LaunchLab 9** Chemical Change **ChemLab 9** Develop an Activity Series	Lab Safety Form Chemlab 9 Pre-Lab Ch 8 Lab Worksheet
12/3/2018	Chapter 10: The Mole	**LaunchLab 10** How much is a mole? **ChemLab 10** Determine the formula of a hydrate	Lab Safety Form Chemlab 10 Pre-Lab Ch 9 Lab Worksheets