

Chemistry 2026-27 Syllabus*

Week	Date	Chapter	Lab
1	9/9	Chapter 1: Measuring Up	Lab Safety Significant Figures handout
2	9/16	Chapter 1, cont.	Lab 1.3 "Density"
3	9/23	Exam Chapter 1 Chapter 2: What's the Matter?	Lab 2.1 "Separating a Mixture"
	9/30	NO CLASS	NO CLASS
4	10/7	Chapter 2, cont.	Lab 2.2 "The Conservation of Mass" Lab 2.3 "Oh What a Difference"
5	10/14	Exam Chapter 2 Chapter 3: Making Sense of Atoms and Elements	Demonstration: Flame Tests
6	10/21	Chapter 3, cont.	Periodic Table Activity
7	10/28	Exam Chapter 3 Chapter 4: Modern View of Atoms and Their Chemistry	Lab 4.2 "Comparing a Metal and a Nonmetal"
8	11/4	Chapter 4, cont.	Lab 4.3 "Electrolytes and Nonelectrolytes"
9	11/11	Exam Chapter 4 Chapter 5: Covalent Compounds and Their Molecular Geometry	Lab 5.1 "Bending Water"
10	11/18	Chapter 5, cont.	Lab 5.2 "Polar and Nonpolar"
11	11/25	Exam Chapter 5 Chapter 6: Physical and Chemical Change	Lab 6.2 "In Between"
Thanksgiving and Christmas Break			
12	1/6	Review Quiz on Chapter 6 Chapter 6, cont.	Lab 6.3 "Copper Plated Nails" Lab 6.4 "Burning Iron"
13	1/13	Exam Chapter 6 Chapter 7: Stoichiometry	Lab 7.1 "How 'Wet'"
14	1/20	Chapter 7, cont.	Lab 7.2 "Limiting Reactant" Lab 7.3 "The Amount in Alka Seltzer"
15	1/27	Exam Chapter 7 Chapter 8: Still More on Stoichiometry	
16	2/3	Chapter 8, cont.	Lab 8.1 "Percent Yield"
17	2/10	Exam Chapter 8 Chapter 9: Chemists Have Solutions	Lab 9.1 "Temperature and Solubility"

18	2/17	Chapter 9, cont.	Lab 9.2 "Forming a Precipitate" Lab 9.4 "Freezing Point Depression"
19	2/24	Exam Chapter 9 Chapter 10: It's a Gas!	
20	3/3	Chapter 10, cont.	Lab 10.4 "The Concentration of Hydrogen Peroxide"
21	3/10	Exam Chapter 10 Chapter 11: Acids and Bases	Lab 11.1 "Litmus Tests Lab 11.2 "A/B Indicators"
22	3/17	Chapter 11, cont.	Lab 11.3 "Acetic Acid in Vinegar"
23	3/24	Exam Chapter 11 Chapter 13: The Heat is On	Lab 13.1 "Specific Heat Capacity"
24	3/31	Chapter 13, cont.	Lab 13.2 "Calorimetry"
25	4/7	Exam Chapter 13 *Chapter 15: Kinetics	Lab 15.1 "Rate of Reaction"
26	4/14	Chapter 16: Chemical Equilibrium	Lab 16.2 "Le Chatelier's Principle"
27	4/21	Review of Chapters 15 and 16	Lab 16.3 "L.C and Temperature"
28	4/28	Exam Chapters 15 and 16 Chemistry class is complete!	

*Due to time constraints, we will skip Chapters 12 and 14. Contact me if you would like your student to cover those chapters independently; I can provide chapter exams and score them for you.

**Dates for chapters and exams are unlikely to change. Dates for accompanying experiments (labs) may change, however.