

Chemistry 1 Syllabus 2025-2026



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Textbooks: *Chemistry*, by Addison-Wesley, 2000. Or: <https://flexbooks.ck12.org/cbook/ck-12-chemistry-flexbook-2.0/>.

Welcome to Chemistry 1! This year we will be studying measurement, atomic structure, matter, naming compounds, bonding, the mole, chemical equations, stoichiometry, gas laws, thermochemistry, and acids and bases. This foundational course will introduce you to the fascinating world of matter and its transformations, providing you with essential scientific knowledge and critical thinking skills that extend far beyond the classroom. Throughout the year, we'll explore fundamental concepts while developing your ability to think like a scientist through hands-on laboratory investigations and problem-solving activities. Whether you're planning a career in science, medicine, engineering, or simply want to better understand the chemical processes that shape our daily lives—from the food we eat to the technology we use—this course will build your confidence in scientific reasoning and prepare you for advanced studies. Together, we'll discover how chemistry connects to real-world applications and current events, making science both relevant and exciting as you develop the analytical skills that will serve you well in any future endeavor.

SUPPLIES NEEDED:

1. Pencil or pen
2. Spiral notebook (one subject)
3. 3"x5" index cards for tests
4. Scientific calculator
5. Any type of folder or binder to keep your papers organized
6. Colored pencils
7. Goggles (you can purchase these from me for \$3 or borrow a pair)
8. Nitrile gloves (no latex) for labs (can share with a partner)
9. Closed toed shoes for lab days

	Student Expectations	Student Initials
Cell Phones	No cell phones are allowed in class, unless used for an academic purpose as directed by the teacher. Yonder pouches will be available to store cell phones if needed. Please refer to the student handbook regarding cell phone violations.	
Food and Drinks	Food and drinks are not allowed in the classroom, except for water (unless it's during the nutrition break). No food or drinks are allowed in the lab area, no exceptions!	
Attendance	Please make every effort to come to school unless you are sick or have a school-related absence. <i>If you are absent only on a test day, you must take the test the day you return. You will be taking a different test than the rest of the class. If you can't find the time to make up a test within ONE WEEK, you will not receive credit for the test.</i>	
Punctuality	Please be on time. You may use the restroom after you check in with me. After three tardies you will be asked to wash lab dishes.	
Make-up Work	It is your responsibility to check the absent folders or Teams for any missed work. For missed labs, check with me promptly. You can make up labs during lunch or after school, but if you wait longer than one week, you will not receive credit.	
Grading	Daily assignments will be reviewed and corrected together in class. Students will receive points based on completion. Missing assignments will be marked with a "missing" flag in PowerSchool and zeroes will be entered. Scores will be corrected as assignments are handed in, up until the unit test. Please check the <i>no name</i> box first if you believe a zero is entered incorrectly in PowerSchool. Assessments will be weighted heavier than regular class work. Quarter grades: 40%, Final Exams: 20%. A: 90-100%; B: 80-90%; C: 70-79%; D: 60-69%; F: Below 60%.	
Homework	Students will have time to work on assignments in class, so the only homework will generally be completing any work that was not finished during class time.	
Late Work	All classwork in a unit is due on the day of the unit test. Classwork will be graded 1-3 times per week and receive 100% credit if complete. After each unit test, any incomplete assignments from that unit will receive 0% credit.	
Safety	Failure to follow the safety rules will result in a visit with your administrator and you will not receive credit for the lab. Wearing closed-toed shoes and safety goggles is necessary for every lab. The safety contract must be signed before performing labs.	
Communication	Please tell me if you need help! I am at school 30 minutes before and at least 30 minutes after my last class to offer help. Don't struggle alone, speak up if you need help! The best way to message me is through a Teams chat or email.	
Copying/Cheating	Please see the school's policy on cheating in the handbook.	

I have read and understand Mrs. O'Malley's Chemistry 1 syllabus.

Parent/guardian name (printed): _____

Parent/guardian Signature: _____

Student name (printed): _____

Student Signature: _____

Period: _____

Don't forget to turn in the signed Safety Contract so you can participate in labs!

Let's have a great year!

