

CHEMISTRY
Ms. Liefer
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www.lieferscience.weebly.com

Course Description

Students will work toward a comprehensive understanding of fundamental chemistry. Through integration of learned concepts and developed investigative and problem solving skills, students will apply this foundation to develop an understanding of chemistry and how it affects their environment and their everyday lives.

Key concepts covered include: scientific measurement and dimensional analysis, matter and change, atoms, bonding, nomenclature, moles, chemical reactions, and stoichiometry. Additional topics will be covered as time allows.

Required Materials

- Graph paper, lined paper, pencils, pens
- Calculator (scientific or graphing works best)
- Bound notebook for labs
- Extra credit: classroom supplies

Expectations

- Always focus on safety
- Behave respectfully at all times
- Come prepared, on time, and ready to work and learn
- Take responsibility for your own academic success by working for it

Academic Dishonesty

Don't cheat! Dishonesty and plagiarism will result in a 0 on the assignment or test, a student/teacher conference, parent communication, and discipline from administration in accordance with school policy. During tests, cell phones will not be allowed as calculators. There will be no hall passes during a test.

Electronic resources

I will maintain a website for this class: www.lieferscience.weebly.com. Check this site for homework assignments, due dates, quiz and test dates, extra practice, class announcements, and chemistry web links. If you are absent, you can see what you missed in class on this site.

Communication

The best way to reach me is by email. I will do my best to respond promptly. I frequently email students and parents with chemistry class announcements and important due dates. Make up deadlines will be posted on Infinite Campus.

Grading

Based upon the percentage grade, a letter grade will be assigned as follows:

<u>Letter Grade</u>	<u>Percentage Range</u>
A	90-100
B	80-89
C	70-79
D	60-69

Term grades will be weighted according to the following:

Tests and quizzes	40%
Labs and activities	35%
Homework and classwork	15%
Final exam	10%

Tardies, Attendance, and Make-ups

Attendance is vital to passing this class! Poor attendance will drastically affect your grade. It is your responsibility to obtain **all** missed work from an excused absence, including labs, in a timely manner. Students absent for an extended period must make special arrangements with me to compensate for the missed work. Makeup work must be obtained before class or during advisement, NOT during class time. Unexcused absences and tardies will be handled according to school policy. Final exams are scheduled for March 15 and May 23.

Additional information

You have the opportunity to **retake any test or quiz** if you are not satisfied with your grade. You will need two days for each test: one day to review your old test and another day to take a different version of the test. You have two weeks to retake tests and quizzes after they have been passed back. The retake grade will be entered into the grade book, even if you score lower. Make sure you're prepared! You may also make corrections on your labs and homework for half points back.

Daily practice, review, and enrichment are essential to success in this course. Keep your work in your chemistry binder for future reference. Class work ranges in structure from warm ups and note-taking to group and independent work. You will receive one class work grade for every week of warm ups. . There is NO deduction for excused absences. If you are absent, email me and I will send you that day's warm up. Unexcused tardies and absences as well as not completing this work will result in no credit for that day. Late homework will result in a 20% deduction for each day overdue.

Safety is a main concern during all activities and labs. Removal from the lab for any reason will result in a score of 0% for that lab activity or report and parent contact.

Office Hours

This year I teach at CV for 3rd and 4th periods only. I will be available during advisement for assistance and retakes. I can often be found in room 8200 or in the VPA office.

SIGN AND RETURN

I have read the chemistry syllabus. I understand all the policies therein and agree to abide by them.

Student signature: _____

Student name (print): _____

Student e-mail address: _____

Parent signature: _____

Parent name (print): _____

Daytime phone: _____

Parent e-mail address: _____