

**West Linn High School
Conceptual Chemistry
Course Syllabus and Policies**

Instructor: Mike Glane

E-mail: glanem@wlwv.k12.or.us

Phone: 503-673-7815 ext 4904

Web Page: www2.wlhs.wlww.k12.or.us/glanem

Office Hours: Every morning, & prearranged after school session available most days.

Course Description:

Chemistry is a study of the composition of matter and changes it undergoes utilizing scientific concepts and mathematics. Some of the concepts emphasized in this course are atomic theory, atomic structure, periodicity, radioactivity, chemical bonding, principles of chemical reactions, kinetic theory, energy, solubility, equilibrium, and acid-base properties. Activities include lectures, class discussions, problem-solving sessions, demonstrations, lab experiments, and projects. Assessment is based on exams, lab reports, homework, activities, and projects. All course objectives are based on the Next Generation Science Standards for which every high school student is expected to learn.

Material:

- **Unit I: Branches of Science, Metric, Sci. Method, Density**
- **Unit II: Matter, Change, Chemical Formulas and Equations– Ch. 1, 6**
- **Unit III: Periodic Table and Atomic Structure, Bonding, Moles – Ch. 2, 3, 4, 12**
- **Unit IV: States of Matter, Gas Laws, Kinetic Energy & Graphing – Ch.1, 10, 11, 20**
- **Unit V: Water, Atmosphere and Weather – Ch. 13**
- **Unit VI: Petroleum and Energy – Ch. 18, 20**

Grading:

Grading will be done on a point basis. It is possible for everyone in the class to get an A if they meet the standards for high proficiency. Your proficiency will be assessed mostly as an individual and sometimes as part of a cooperative group. The grading scale is as follows:

100%-90% A 89%-80% B 79%-70% C 69%-60% D

-Breakdown: Grades should be updated online at least every two weeks. Late work may take longer.

Summative Assessments (tests) ≈ 70%, Class activities and Assignments ≈ 30%,

Supplies: Writing utensil, calculator

Assignments and Activities:

Assignments and Activities include labs, practice worksheets, and reading guides. Points are awarded out of 5. 5 = complete with full work shown, 4 = mostly complete, some work missing or incomplete, 3 = partially complete with a need to finish with higher quality, 0 = Not finished.

Tests

Upon completing a unit, an objectives based Practice Test A will be given, then the actual Test B. Each objective may be retested under the following criteria. 1st, All missing work must be completed with a C or higher (one missing assignment allowed if not connected to the retesting content). 2nd, Practice Test D must be completed with 100% correct only for the objectives chosen for retesting. 3rd, students will get back Test B and correct to 100% only for the objectives chosen for retesting. 4th, retest when ready.

Teacher Expectations

1. I am prepared to teach, support & engage
2. Correctly Enter Room
3. I teach when there are no distractions
4. I am positive and respectful every day
5. If someone disrupts learning, I will apply the three R's
 - a) Redirect, Reseat, Refocus
6. Two Minute Warning (closure, clean up, in seats). I dismiss you, not the bell.

Student Expectations & Procedures

1. Correctly enter the room...
 - Get your Folder, Quietly clear your desk, Follow Overhead Directions
2. Be respectful with your body, objects, and your communication to others.
3. Create positive classroom learning
4. Participate fully with class activities
5. Lab Safety
6. Two minutes of closure

Attendance

The policy is described in your student hand book. Contact the attendance office within two days of an absence to excuse it. ***The No. 1 reason employees are fired is for being late or absent.***

- Tardies: A student is tardy if they do not enter correctly at or before the bell. After 3 tardies, each tardy will result in a make up session. Time of make up session will vary based on need.
- Hall Passes: We follow a "first 10– last ten" policy. No bathroom passes during these times.
- Skipping/Unexcused absences: Any unexcused absence will be followed by a make-up session. Missing work resulting may not be made up.

Laboratory Safety: All safety procedures and expectations will be taught. Any deviation from these safety protocols will result in immediate removal from the Lab setting.

I will ALWAYS:

Wear Safety Glasses When Instructed
Wear Protective Clothing When Instructed
Use Proper Technique and Procedures
Discard of Waste Properly
Know the Location and Proper Use of Safety Equipment
Be Mature, Alert, Serious, and Responsible

I will NEVER:

Eat or Drink in the Lab
Clutter the Work Area
Perform Unauthorized Experiments
Enter the Chemical Storage Areas
Remove Stock Chemicals from the Supply Area
Take Unnecessary Risks

Parents & Student

We have read the above Syllabus& Safety together and understand the material. Please sign below and return entire form to Mr. Glane. Please DO NOT TEAR! If you want a copy this document is available on my school web site.

Printed Student Name

Student Signature

Printed Parent/Guardian Name

Parent/Guardian Signature

Date