

Chemistry Honors Syllabus

Teacher: Mrs. Weymouth
Contact: Lauralynn_Weymouth@wrsd.net

Office: Room C218
Classroom: Room D208

Course Overview:

This course provides an in-depth study of chemistry as an experimental science for the college bound student. Course work as well as laboratory work will be performed to reinforce key concepts and to deepen students' understanding. Proper laboratory techniques and lab safety will be discussed throughout the year. Students will be expected to work seriously and in a safety-conscious manner when in the laboratory. Over the course of the year, skills and techniques in handling materials, apparatus, and concepts will be developed. **Memorization of ions will be required in this class.**

Semester 1

- Matter
- Atomic Theory
- Nuclear Chemistry
- Quantum Mechanics
- Periodic Table
- Bonding
- Chemical Nomenclature
- Mole Concept

Semester 2

- Chemical Reactions
- Stoichiometry
- States of Matter
- Gas Laws
- Solution Chemistry
- Acid-Base Chemistry
- Thermodynamics

Materials:

- pen or pencil
- non-graphing calculator - scientific calculators and four-function calculators are fine
- school issued Chromebook and charger
- three ring binder or notebook and folder that are just for chemistry

Grading:

Grading for this course is done using a points system. Your average is calculated by dividing the total number of points earned by the total number of points possible, and then multiplying by 100%.

- Tests are typically worth 60-100 points.
- Labs and quizzes are 20-30 points.
- Homework is graded on effort and completion. Each homework assignment will be 1 point and those grades will be added to PowerSchool at the end of each chapter.
- **Late homework will not be accepted.**
- Late written assignments such as labs or projects will be accepted one day late for 50% credit. After that they will not be accepted.
- Long term assignments (formal lab report and parts of the honors project) may be turned in up to 3 days late; each day will incur a 25% grade reduction.

Assignments are considered late if they are not completed and turned in as the bell rings to begin class.

Respect:

Respect is necessary to make all students feel comfortable. It is expected that each student will be respectful of himself or herself, other students, and the teacher.

Make-up work:

If you miss a lab, test, or quiz due to absence, it is your responsibility to see me immediately upon your return to schedule a make-up appointment at the earliest convenience. Failure to do so will result in a zero on the assignment. If you miss a homework assignment due to absence, you must show it to me upon your return to school. Make-up work is your responsibility, not mine!

Lab Safety:

- Safety is always a concern in a chemistry classroom. There will be no tolerance for any behavior that is considered unsafe.
- Lab safety is a particular concern in the chemistry classroom. Unsafe lab behavior will result in a zero on the assignment and a discipline referral.
- Food and drink are NEVER allowed in the lab.

Academic Integrity:

Academic Integrity is extremely important. Cheating and plagiarism will not be tolerated on quizzes, homework, labs, tests, or other projects. Evidence of cheating will result in a grade of zero on the assignment for all parties involved. **Lab partners must turn in their own work and it may not be the same as their partner or any other student.**

Bathroom Policy:

Should you need to leave the classroom to use the bathroom, you will sign out using Securly Pass and take a pass with you. Only one student will be allowed to leave the room at a time. Please try to limit bathroom breaks to before class starts, or when we are working individually. There are no restrictions on when you may use the restroom however; please keep in mind it is rude to disrupt the lesson and/or to leave your partner in the middle of a lab experiment. There are to be no pit-stops or detours and phones are not to be taken with you. Bathroom usage during tests and quizzes is strongly discouraged.

Extra Help:

Extra help is available most mornings from 7:00-7:20. Please see me in class to let me know you are coming, or feel free to stop in if the door is open!

Electronics:

Cell phones, chromebooks, headphones, and other electronics are not allowed in class, unless we are using SCHOOL ISSUED chromebooks for a lesson. Cell phones will go in a pocket organizer as you enter the classroom and can be picked up at the conclusion of class. If a phone or other electronic device is seen or heard outside of the pocket organizer, you will receive a disciplinary referral.

Email:

If you have questions on an assignment, please ask them during class, or come see me before or after school. Email should be reserved for extenuating circumstances and you should not expect an immediate response. Email is not checked outside of school hours.

Wachusett Regional High School is committed to an educational process that fosters independence and responsibility in our students. By offering diverse, challenging, academic programs and rich co-curricular activities, WRHS strives to provide students with the skills and knowledge to achieve their potential as life-long learners.

We work toward achieving this mission by promoting our core values of Citizenship and Responsibility, Collaboration, Communication, Critical Thinking and Problem Solving, and Creativity and Innovation.