

HONORS CHEMISTRY

Class Information

Instructor: J. Anderson

Phone: N/A (use email)

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TEXT: *no textbook for this class.*

DESCRIPTION: This class is designed as a continuation of honors matter & change. It is an introduction to chemistry, its concepts, and applications. The subject matter is developed through lecture, discussion, demonstration, laboratory and problem solving experiences. We will review 9th grade chemistry, and build many new concepts in preparation for college-level chemistry.

MATERIALS: You will use a **packet** of worksheets for each unit, containing an assignment sheet, worksheets, and laboratory sheets. You will keep your packet in a folder which you **need bring to class daily**.

- You will also need to bring a scientific calculator to class daily. You will need a dry erase marker for packets 3 & 12.
- download packets at www.pkwy.k12.mo.us/west/teachers/anderson and click "honors chemistry"

REQUIREMENTS:

- Don't be absent. Outstanding attendance is vital to passing this class and understanding chemistry. *You are solely responsible for making up missed material.*
- Follow safety rules. There will be **zero tolerance** for being unsafe during a lab activity.
- Do your own work. Cheating will be reported to your parents. The science dept. has a 'zero tolerance' policy on cheating. Any cheating will result in a zero-grade for that assignment or quiz. Cheating includes copying work from someone else's **packet**. You may work together with someone else, but you must do your own work & earn your own grade.
- Get help if you need it! I make myself available to help students before or after school.

GRADES:

- packets - your **packet** will be turned in on quiz days. Its point value can vary from 10-20 points. Students may be excused from their packet grade if it is not consistent with their quiz grades.
- quizzes - material on quizzes comes from class discussion, book work, worksheets, and labs, and demos. They can be worth 40-75 points.
- spot-checks - I will randomly check assignments from your **packet** for completion. Spot-checks will be worth 2-10 points.
- mini-quizzes - These homework quizzes can be worth 5-15 points each.
- special projects - other assignments, such as presentations, etc. will be done throughout the semester. Each special project will have its own grading criteria. Usually worth 50 points.
- bonus - printing your own packets earns you bonus points for each packet.
- FINALS - These cumulative exams can be worth 3 times as much as a quiz.

MAKE-UP WORK: (if your absence is unexcused, no make-up work is possible. You will get a zero.)

- For EXCUSED absences:

- If you miss a lab, you will be responsible to arrange a time (outside from class time) to make-up the lab ASAP.
- If you miss a quiz, you will make-up the quiz the following day, usually a more challenging version unless you've made arrangements otherwise (such as e-mailing or calling teacher). For planned absences, let teacher know ahead of time.

TARDIES:

Students will be given six (6) "excused tardy" passes each semester. Once out of passes, tardies will start to count. Each unexcused tardy (after passes have run-out) will be a detention.

An unexcused absence costs you all remaining passes.

GRADES: *

H = 97 or over A = 96 - 90 B = 89 - 80 C = 79 - 70 D = 69 - 60 F = below 60

* all grades will be rounded up on 0.5

PHONES, COMPUTERS: Phones & personal computers are not to be used during classtime. First offense will be a warning. Subsequent incursions results in detention. Phones out during quizzes or exams = zero points (no tolerance)

Tentative Schedule:

1st semester:

- #1 -- Chemistry & Measurement
- #2 -- Atomic Theory
- #3 -- Nomenclature, Bonding, Structure
- #4 -- Stoichiometry
- #5 -- Gas Laws
- #6 -- Nuclear Chemistry (if time allows)

2nd semester:

- #7 - Thermodynamics
 - #8 - Water & Solutions
 - #9 - Kinetics & Equilibrium
 - #10 - Acids & Bases
 - #11 - Electrochemistry
 - #12 - Organic Chemistry (if time allows)
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Class Citizenship

how to earn "S" or better:

- be ready to begin learning when bell rings
- come to class with materials (packet, calculator, etc)
- use classtime wisely
- use end of classtime to begin homework
- make up work promptly following absences

how to earn "I" or lower:

- continue socializing after bell rings to start class
 - wearing earphones for music at inappropriate times
 - sleep or have head down during class
 - "pack up" before end of class
 - socialize during end of classtime
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WORKING WITH OTHERS: If you get help with chemistry from other students, be sure they are actually helping you to comprehend the material. Should there be a large discrepancy between your packet grade & quiz results, you may have your packet grade become "excused". Generally, a large discrepancy is around 30% or more.

For example, a student scores a 57% on a quiz, but earns a 95% on their homework packet. This student would then be excused from their homework packet.

Exceptions: the student with the grade discrepancy has come in multiple times for help, and has demonstrated high effort during classtime. This student would be allowed to keep their packet grade.