

Mr. Herndon's Chemistry Syllabus

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Class Description:

Throughout this course we will be exploring the principles of Chemistry. First semester will be very conceptual. We get the basic science skills out of the way and learn the basics of chemistry. Second semester will be more application and experimentation.

Contact:

You can find me in my room before or after school. Feel free to drop by before or after school anytime. If you *really* need to see me during school, I am available during 1st period - you MUST have permission to come by during that time. If you have questions about assignments, please send me an email or message me on our Google Classroom.

Suggested Class Materials:

3-ring binder with dividers, loose leaf paper for the binder, pens and pencils, ruler with standard and metric, calculator

Absences:

ALL class material will be on our Google Classroom. If a student is absent from class it is their responsibility to find out what they missed. In the event of absence for one or any number of days a student needs to make sure to get homework assignments, notes, handouts, and class work missed. It is your responsibility to hand in missed work when it is due. Work that was due on the day of a missed class must be turned in at the beginning of class on the day you return to class. Work assigned while you were absent will be due the next day or the due date (whichever is later). Exams missed must be made up within 1 week of the missed exam.

Content:

Our approximate minimum units will break down as follows. The order may have to be adjusted or we may add or subtract units depending on our pace

- Intro to Chemistry
 - Atomic Theory
 - Structure of the atom
 - Electron Configuration
 - The Periodic Table
 - Ionic Bonding
 - Covalent Bonding
 - Matter
- Chemical Reactions
 - The Mole
 - Stoichiometry
- States of Matter
 - Gas Laws
 - Mixtures and solutions

- Energy and Chemical Changes
- Acids and Bases
- Basic Organic Chemistry (if time allows)

Grading will break down as follows:

- Each Quarter your grade will break down this way:
 - 60% of your grade will consist of assessments - these may be tests, labs, or projects
 - 40% of your grade will consist of classwork/homework/labs/projects/other practice
- The semester grade is calculated this way:
 - Each quarter is 45% of your semester grade.
 - 10% of your semester grade is your semester test.

Rules:

- For classroom:
 - ALL school rules apply!
 - Be respectful to EVERYONE!
 - Stay in your seats at the end of class until I dismiss.
 - No talking while teacher is talking or during tests/quizzes. (Raise hand!)
 - No cheating on tests or quizzes
 - Keep hands to yourself.

Consequences:

- 1st offense:
 - Verbal warning and redirection
- 2nd offense:
 - Held after class for a discussion
- 3rd offense:
 - Detention
- Any further offenses:
 - Administration involvement.
 - (Let's be real - if it goes this far, they need to be involved. I give you plenty of chances, so please use them wisely. If you are having a bad day, etc, let me know! We all have them. I'm a pretty easy guy to work with.)

Cell phone/electronics policy:

- There will be times that you are able to use your phones for educational purposes. I will tell you when those times are. Otherwise, the following is the cell phone policy:
- Cell phones/electronics/headphones must be STORED AWAY out of sight, according to school rules.
- Failure to adhere to this policy will result in the following actions:
 - 1st offense: Verbal warning – this is your one chance to put your phone away.
 - 2nd offense: Phone taken for the remainder of the class – if you comply in a reasonable manner, your phone will be returned to you at the end of class.
 - If you resist voluntarily giving your phone up after a 2nd offense, you will receive an office referral and a possible immediate call to an administrator.