**Welcome to Chemistry!**

**Hosted By:**

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**Course Description:**

Chemistry is the study of matter and how it changes. It is a ***college prep course*** and meets the UC and CSU requirements for a lab-based Physical Science. It ***requires*** memorization, competent math skills, abstract thinking, technical reading ability, good lab skills, and complex problem solving skills. ***To be successful in chemistry you must take responsibility for individual learning and maintain a good work ethic***. The chemical concepts we will study include: atoms, molecules & compounds; molecular structure & properties; chemical reactions & stoichiometry; phase changes; energy & thermochemistry; as well as Earth cycles; climate & human impact.

**Semester 1**                                                                 **Semester 2**

***Unit 1:*** Intro to Scientific Tools                         ***Unit 5:*** Balancing Equations & Reactions

***Unit 2:***  Atoms and Periodic Table                  ***Unit 6:*** Stoichiometry

***Unit 3:*** Chemical Bonds                                 ***Unit 7:*** Energy & Earth System

***Unit 4:*** *IMFs****Unit 8:*** *Equilibrium & Reaction Rates*

**Grading Policy:**

* Grades will be assessed as follows:
  + Tests (including the final): 60%
  + Quizzes: 20%
  + CERs, Assignments, Projects, Participation:  20%
* Grades will be assigned as follows:
  + A = 90-100%
  + B = 80-89.9%
  + C = 70-79.9%
  + D = 59.5-69.9%
  + F = Below 59.5%

**Required Materials:**

*\*\* It is imperative that you have these materials with you* ***EVERY DAY****!*

* ***Chemistry-specific*** **3 or** **5-Subject spiral bound** notebook
* Pencil & Pen
* Scientific Calculator (***NOT a phone or iPod while in class***)
* "Laptop" device for periodic online assessments and assignments

**Classroom Expectations:**

1. **Respect:** For yourself, classmates, and teachers.  PLEASE WEAR YOUR MASK PROPERLY WHILE IN CLASS.
2. **Follow Directions:** Please follow all verbal and written instructions, they are there for your safety and your learning. **Safety** is a number one concern in the science classroom, so please **follow directions.**
3. **Be Prepared and Be Responsible:** Come to class prepared with all required materials. Accept responsibility for grades and other consequences.
4. **No food, beverage cans, or unauthorized use of personal electronic devices in the classroom:** Except sealable water bottles. Students will NOT be able to use theirphones as calculators.  Airpods/headphones are NOT to be worn during class. *This is a school-wide policy!!*
5. **Any misbehavior or inappropriate actions will receive consequences:** Keep your hands, arms, feet, and objects to yourself. ***Talk when appropriate***. And follow directions.

**Classroom Guidelines:**

* **Absences:** Please attend/log on to class everyday. If you miss a class (or classes) due to an absence, you will need to make up the assignment ***by yourself*** and update your notebook **immediately**. You have as many days equal to the number of days you were absent to turn in all missing work. Any later than that and you’ll be given late points. You never want to get behind in a class like chemistry! **Check Canvas for *everything* you will need!!**
* **DON’T CHEAT! DO YOUR OWN WORK!** No credit will be given for work that is copied or for work that is loaned to another student to be copied. Likewise, any work that is **plagiarized** (i.e. copied and pasted from the internet OR copy straight from a “friend’s” notebook/lab report) will receive a zero and the student will be referred to administration. **Bottom Line:** Do your own work and keep it to yourself.
* **ALL ASSIGNMENTS GIVEN ARE DUE ON TIME!** Classwork and homework assignments are opportunities for students to get feedback on their progress. They will be scored using the following parameters: 10 = Turned in on-time and complete (this does NOT mean they got 100% on it, they MUST check the assignment for feedback on wrong answers); 7 = Turned in on-time, but INCOMPLETE (must be at least 70% complete) (feedback will be given on completed part); 5 = Turned in LATE, but complete (NO feedback will be given on the assignment); 3= Turned in LATE and INCOMPLETE (no feedback will be given); 0= Student copied/plagiarized the assignment
* **Be Prepared!** Every student needs to have a notebook, a pen and pencil, and a calculator with them for every class. It is the **student’s responsibility** to keep notes, assignments, lab data, and projects organized in their notebook! **REMEMBER:** In High School there are finals, so keep organized and don’t throw anything away!
* **Phones and Electronic Devices**
  + When you arrive to class, please turn OFF your phone and zip it up in your backpack/purse.  You will NOT be using your phone during class, it's a distraction and we've got WAY to much to do!
  + Please also put away your airpods/headphones.  Having them in your ear is a huge distraction and is disrespectful to those around you.
  + The Cell Hotel:
    - IF you cannot successfully keep your phone in your backpack, you will be asked to place it in the Cell Hotel on the wall for safe keeping until the end of class.
    - If your phone needs a little charging, feel free to place it in the Cell Hotel voluntarily during class to give it some juice.
    - Do NOT charge Airpods in the Cell Hotel.

**The Chemistry Classroom Clause:**

The chemistry classroom is a dynamic- one that may change A LOT this year. Your patience and grace is required as we BOTH learn how to teach and learn in an online setting.  Some procedures that I put into place at the beginning of the semester may change if I find that they are not working for us.  In everything and throughout all situations I always act and reflect on best practices for students.  Your cooperation with this will be so very important this year.  Thank you!

**Contact:**

If you or your parents have **any** questions at all about these policies and guidelines, please don’t be afraid to contact me in person, through the Inbox in Canvas, or through e-mail. I am here to help make your learning of chemistry exciting and thoughtful. I also hope to teach you knowledge and skills that you can draw from in your future, such as study skills, critical thinking, investigation, organization, teamwork, responsibility, self-discipline, independence, perseverance, and time-management.

**Academic Honesty Policy**

**Cheating means gaining unfair advantage by using unauthorized information.** Cheating is further defined by but not limited to:

* **COPYING** someone else’s homework, classwork, or test/quiz answers
* **ALLOWING** someone else to copy your work or test/quiz answers
* **USING** any kind of unauthorized device, study aid, or cheat sheet
* **POSSESSING** or **VIEWING** a copy of an exam or quiz beforehand
* **SHARING** test/ quiz information with students who have not yet taken the test/quiz or course
  + This includes taking answers/questions from a test/quiz out of the classroom without the permission of the teacher
* **CHANGING** your answers or someone else’s when correcting in class
* **MISREPRESENTING** work done by others as your own work (aka **PLAGIARISM**)

**Plagiarism is presenting the words or ideas of another person as one’s own without citing sources.**

* YOU ARE PLAGIARIZING when you copy a phrase, a paragraph, a page or an entire paper.
* YOU ARE PLAGIARIZING when you copy from a published source, i.e. Internet or print.
* YOU ARE PLAGIARIZING when you copy from someone else’s work.

**Minimum consequences for cheating and/or plagiarizing are as follows:**

* **RECEIVE A ZERO** on the assignment or test/quiz, without a chance to redo or retake
* **REFERRAL** to the security office
* **PARENT CONTACT** by the teacher and/or security personnel
* **SATURDAY SCHOOL** assigned by the security office personnel
* **NOTATION** made in school discipline record

**Be Responsible. Make Wise Choices.**

If you are unsure, ask your teacher for guidance.