

Chem 2020-21

Mr. Miller

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A message from me-

Chemistry is my favorite class and I really hope it becomes yours. But, chemistry is a **hard** class. It is the first science class where you have to blend concepts and math. People struggle. We are going to do our best all year long to be fully prepared for the future. Hopefully, after this class, you will be more prepared to take an honors or AP level science course. Trust me, science is fun.

Actual information

Units- This is a list of units and topics we will be covering in this class:

- Classification of matter
- Atomic Structure
- The Periodic Table
- Nomenclature, formulas, and bonding
- Moles
- Chemical Reactions
- Stoichiometry
- States of Matter
- Thermochemistry
- Acids and Bases
- Gas laws

Required items-

- A notebook for all work to be saved in. You will need access to all the work at the end of the year so please don't lose any of it.
- A scientific or graphing calculator. Please bring your own as we will be unable to share materials.

Hybrid Model- Class will be conducted partially in person and partially online. All online material will be delivered through Microsoft Teams. Teams will have a class notebook where all notes and information will be organized by unit. On your days at home, you will be given a list of assignments to complete from the information found in Teams. In person, I will try my hardest to get us capable of doing labs and hands on activities, but it will be at the discretion of how safe the environment can be.

Grading- Your grades will be weighted as follows:

- Exams (30%)
- Quizzes (10%)
- Assignments (35%)
- Labs (15%)
- Final (10%)

Exams – due to online learning, all exams will be short answer only and must be completed during a specific time period when assigned online. Meaning, exams will consist of approximately 4-5 difficult questions where you must show all work to receive full credit.

Quizzes – quizzes will be given throughout the semester. They will be random so please try and keep up with your work.

Assignments – all assignments given in Teams must be completed when they are assigned. You will quickly fall behind if you do not work on the material. I am setting a **TWO WEEK** deadline for all homework. After two weeks, I will put in a zero and you may be able to redo an alternate more difficult assignment.

Extra credit- extra credit will be available on random assignments throughout the year. Please do them as the opportunity is presented as you will not be able to do them after the deadline.

Cell phones- if possible, please make sure you have your cell phone available during class. It may be hard to see the board during class due to seating assignments. I will stream all work I do on the board so you can see from your desk. Laptops are cool too.

Make up exams- if you miss your exam time or are unhappy with your score, I am happy to make a more difficult exam and replace your grade. Please let me know and we can get your grade fixed.

Classroom Procedures- during class you will have to be extra safe. Please stay seated and 6 feet away from those around you for the entirety of in person class. Bring your own water bottle because the water fountains are shut down. Only one student may leave the class at a time. Other than all the new scary stuff, please be respectful and work towards learning the material.