

CHEMISTRY

"Every aspect of the world today, even politics and international relations, is affected by chemistry."

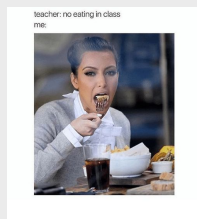
- Linus Pauling

Class Rules

1. **Be on time**, on task and prepared to learn everyday.



2. Water only permitted in classroom. No food.



3. Be responsible for your own learning.



4. Respect the teacher, the classroom and other students.



5. Trash goes in the trash can.



Course Description

The Chemistry Georgia Standards of Excellence are designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. These standards include more abstract concepts such as the structure of atoms, structure and properties of matter, the conservation and interaction of energy and matter, and the use of Kinetic Molecular Theory to model atomic and molecular motion in chemical and physical processes. Students investigate chemistry concepts through experiences in laboratories and field work using the process of inquiry.

Chemistry students use the periodic table to help with the identification of elements with particular properties, recognize patterns that lead to explain chemical reactivity and bond formation. They use the IUPAC nomenclature in order to predict chemical names for ionic (binary and ternary), acidic, and inorganic covalent compounds, and conduct experiments to manipulate factors that affect chemical reactions.



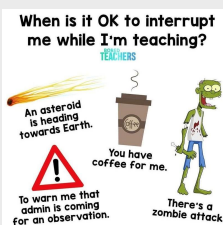
What are the consequences if I do not follow class rules?

Students are expected to maintain a positive attitude, with ongoing effort and willingness to be proactive about getting extra help when needed. Failure to follow class rules will result in:

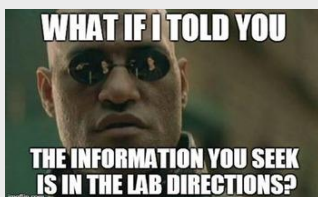
1. **Warning:** the teacher provides a verbal reprimand/reminder
2. **Lunch Detention:** short time spent during lunch to contemplate conduct.
3. **Referral to Administration:** student will be immediately referred to administration for severe behavior problems.

Class Expectations

1. Bring completed assignments, notes, calculator, chromebook & writing implements to class. All other personal belongings must be stored under or beside your desk.
1. Take care of personal classroom needs during independent work times.



1. Be present during class, both mentally and physically. Maintain focus and effort. Contribute to discussions & take notes.
1. Appropriate laboratory behavior is expected at all times. Any unsafe or off-task behavior will result in dismissal from the lab area and a possible grade of zero.



1. Do your own work on tests and quizzes. Cheating, copying or plagiarism will result in a zero. More importantly, cheating will not help you learn anything.



1. Cell phones and ear buds are not allowed in class.

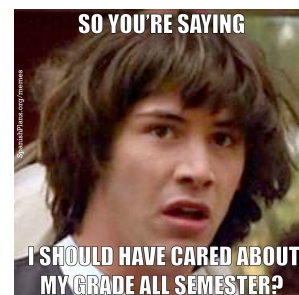
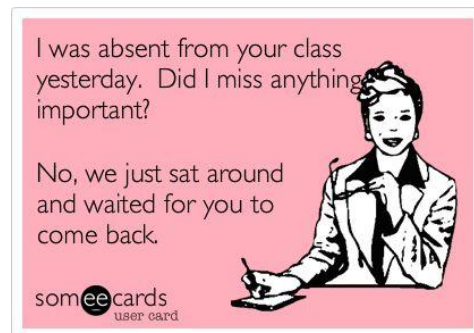
What supplies will I need for this class?

Notebook and paper, pencil or pen, **scientific calculator** and headphones.

What do I do if I am absent?

Always check Google Classroom for missed assignments. Please **communicate absences with your teacher**. Absent students are expected to obtain and complete any assignments, quiz, test, or lab that they missed on the day that they return—extra time will be given for excused absences.

Excused absences are marked in Infinite Campus by the office staff—not your teacher. All excuses must be turned-in to the front office.



How will I be graded in this class?

Assignments (daily, homework, labs) = 40%

Assessments (quizzes, tests, projects) = 60%

What happens if I turn in an assignment late?

Late assignments will be subject to a reduction of **20 points per day**, unless it is due to an **excused** absence.

[Click here to electronically sign the syllabus and provide parent contact information.](#)