

Chemistry Syllabus

Teacher **Ms. Peters**
Office **Room 46**
Office Hours **2nd Hour**

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Course Description:

Chemistry is a course designed to prepare students for post high school encounters with chemistry-related coursework in college and/or tech school. It is an essential course for anyone intending to pursue a career in science and or health related fields. This course will not only prepare students for further studies in chemistry, but will promote development of a deep appreciation for chemistry and prepare students with the knowledge and critical thinking skills necessary for wise citizenship and decision making as it relates to science-related issues. Chemistry will explore through application and analysis general chemistry principles, chemistry theory, problem solving and application of chemistry in everyday living. Problem solving through math applications will be emphasized. Laboratories are an essential component of the course. If at any time you have any questions, concerns or just plain curiosities, please do not hesitate to ask. I hope you are up for a challenge, because this class will not be easy. You will be pushed to excel and held accountable for your actions (or lack thereof).

Topics

- Matter and Atomic Theory
- Bonding
- Formulas
- Periodicity
- Chemical Reactions
- Stoichiometry

Necessary Student Equipment:

- iPad – issued by the school
- 3-ring binder (1½ - 3")
- pen and/or pencil
- notebook and/or paper

iPads:

iPads will be used daily in class and each student is expected to bring them charged and ready to use. Technology will be a key component to the success of this class and the iPads will be crucial. That being said, students will be expected to use technology for educational purposes. Any student caught using their iPad for non-educational purposes, risks losing their iPad for the class.

Tutoring

I want each one of you to have a successful year! I am available for tutoring before school several days a week. If mornings will not work for you, we can make other arrangements. Please, do not hesitate to ask for assistance!

Make-Up Work:

- Check with a classmate or ask me for any handouts you missed. You are also responsible for getting notes from a classmate.
- Schedule time to make-up quizzes and tests A.S.A.P. – within one or two days, if possible.
- Schedule tutoring time, if necessary.

Classroom Expectations:

1. Respect:

- Be courteous and respectful to your teacher and classmates.

2. Responsibility:

- Come to class on time and be prepared to work.
- Follow ALL safety rules and procedures.
- Uphold high standards of effort and achievement.
- Leave your attitudes, excuses and complaints at the door!
- Turn in homework on time – no late work accepted (except in the case of an excused absence).

3. Honesty

- I have a zero tolerance policy for cheating and plagiarism (copying published work). Cheating and plagiarism will result in a zero on the assignment. No exceptions. This means that you may not receive an A if you cheat. This rule encompasses all work assigned, including homework (whether you are the one copying or the one providing the copy), labs, reports, and exams. If you are not sure if you are plagiarizing, ask me before the due date and I will be happy to help you.

Consequences

First Violation – Verbal Warning

Second Violation – Conference with teacher

Third Violation – Office Referral

Final Advice

Chemistry is challenging, but you can succeed in this class if you follow these key steps:

- Keep up with your assignments. Use your classmates and other resources to catch up after an absence and avoid missing class whenever possible.
- Ask for help when you need it. Whether that means asking a question during class or coming in for tutoring, I am here to help you in any way I can!