



LOS ANGELES UNIFIED SCHOOL DISTRICT

Chatsworth Charter High School

G+STEAM Magnet

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Chemistry A Syllabus

Rev. Fall 2022

Ms. Tashjian (Rm H-57)

Dear Students and Parents,

Welcome to the 2022-2023 school year at Chatsworth Charter High School. My name is Ms. Tashjian and I have the greatest privilege of being your chemistry teacher this school year. Chemistry can be a very hands-on and exciting subject and I believe you will learn a lot in this class, while also having fun. The course will address the skills and knowledge necessary for achieving successful results in future science courses. The course will emphasize critical thinking and problem solving while using a laboratory approach.

Course Description: *Chemistry In the Earth System* is an A-G validated course (D level) that fulfills your 2 year science requirement to graduate. Chemistry involves the study of the composition, structure, properties, and behavior of matter. The class will emphasize the fundamental concepts and methods of chemistry and will include substantial mathematical work. Chemistry is a college preparatory course normally taken in the 10th or 11th grade. Chemistry fulfills the high school graduation requirement for physical science. It is expected that students enrolled in Chemistry will have passed Algebra I (or an equivalent course) because the material covered in Chemistry requires the mathematical skills learned in Algebra.

Course Content:

Unit 1A - Measuring Matter

Unit 1B - Measuring Energy

Unit 2 - Heat and Energy in the Earth System

Unit 3 - Patterns in the Properties of Matter

Unit 4- Chemical Attractions

Unit 5- Reaction Energy*

Unit 6- Human Activity and Earth's Atmosphere*

Unit 7-Chemical Equilibrium*

*Completion of Unit 5, 6 and 7 material will be dependent on time.

Textbook/Materials:

California HMH Science Dimensions: HS *Chemistry in the Earth System* (2020). This course will operate using Schoology, which will contain all course materials and assignments. The class page can be reached at MissTChem.com and then navigating to Honors Chemistry.

CLASS EXPECTATIONS. To create an engaging learning environment, the following are expected from all students.

- **Treat people with kindness** by being mindful of your words, actions and attitudes towards the classroom, me, yourself, and to your classmates.
- **Be on time and prepared for class everyday** by completing the homework, bringing supplies to class (pencil, pen, laptop, notebook etc), and being present in class. You will also need a scientific or graphing calculator.
 - o You should expect that you may have to learn some material on your own. Take advantage of available resources to make sure you stay on top of things.
- **FOLLOW ALL LAB SAFETY RULES.**
- **Be diligent** and put in your best effort into your classwork and homework to master the material.
- **Be proactive** by asking questions and seeking out help when needed.
- **Be engaged** in the classroom activities. You should never have assignments from another class out.

Class Policies

Technology/Cell Phone Policy:

It is expected that students will bring their personal devices (e.g. personal laptop) to class fully charged and ready to use daily. Cell phone distractions can prevent you from being fully invested in the material. For this reason, cell phones are requested to be stored away unless explicitly told to use a phone for that lesson. Any distracting behavior caused by improper technology usage will be subject to penalty points. Please keep it professional!

Bathroom Policy:

The only bathrooms that will be open during the day can be found in D, E, F, and J hall. If you need to go to the bathroom for any reason, you may do so after the first 15 minutes and before the last 15 minutes of class. You must fill out the "[Hall Pass Form](#)". Quietly leave class after completing the form. If abuse is suspected, this policy may be amended to limit usage.

Hat Policy:

Only those headgear/hats that are sold or otherwise furnished by the school or a school approved organization may be worn on campus. All other headgear/hats are prohibited. CCHS Headgear/hats must be worn facing forward and must be removed upon entering a classroom or office. This is a school wide policy that will be enforced in the classroom.

Grading:

GRADES.

<u>Grade Scale</u>		<u>Assignment Weights</u>	
90 - 100%	A	Homework:	15%
80 - 89%	B	Participation:	10%
70 - 79%	C	Quizzes:	15%
60 - 69%	D	Exams:	25%
<59%	F	Labs:	15%
		Final Project:	20%

Homework (15%): Homework should be completed the evening the lesson was completed, so you can practice what you've learned. Don't wait until the day before the homework is collected

to do it. If you get stuck, ask for help (by coming to me before school or asking a friend) instead of giving up, copying others' work, or looking at the answer key. There will usually be brief time in the second class to go over any questions, and it will be collected at the beginning of the third class. After the homework is returned, you should make corrections, noting anything that you need to do to improve or re-learn. Homework is scored when it is turned in as part of a homework packet on the day of the Unit Test.

Participation (10%): The classroom quickwrite allows students to gather points by submitting written responses to various questions about the day's material. The quickwrite will be open at the start of the day (8:30 AM) and close for responses at (10 PM). Once a question or day is locked, points will not be refunded. Log in daily, get those easy points! Major behavioral distractions may result in loss of participation points. Punishable actions may include leaving trash at your lab station, damage to lab equipment, etc.

Quizzes (15%): These are regular, short problem sets for every lesson, and should also provide feedback about your mastery of the lesson. They are usually given the third class after each lesson.

Exams (25%): These comprehensive tests cover all the content and skills that you are expected to learn through a unit. I will provide a "Practice Test" that gives you an idea of the length, difficulty, and format you should expect for the test.

Labs (15%): Labs will include hands-on experiences with scientific equipment, glassware, and various chemical reagents. Students are required to complete a lab safety quiz and submit a parental lab approval form before participating in any wet labs. Lab equipment and reagents will be available for a limited time (between 1-2 weeks) after your designated lab days. If you miss the original lab, you must complete a makeup within this timeframe or you will miss those lab points.

Final Project (20%): Students will be tasked with creating a Google Site using the aptly titled software. This project will dig deeper into specific chemicals and molecules to determine how chemistry impacts us on a daily and personal level. Students will be tasked with creating content, formatting and organizing their site, and demonstrating a mastery of the tools used in class. The grade for this will be updated at the 5/10/15/20 week marks based on the assigned entries. Historically, students that procrastinate on this project do poorly in the class (it is a big part of your grade). Make sure you stay on top of the weekly website entries every Wednesday.

Work Habits

Homework score of 80%+ = E

Homework score 50%+ = S

Homework score of less than 50%+ = U

Cooperation Grading Policies

Google Quickwrite Participation score of 80%+ = E

Google Quickwrite Participation score of 50%+ = S

Google Quickwrite Participation score of less than 50%+ = U

ACADEMIC HONESTY:

Your integrity is the most important aspect of your character. There are many pressures (such as the fear of a poor grade, the feeling of failure, and the expectation to perform) that tempt us to take shortcuts and compromise our integrity. John Wooden, former UCLA basketball head coach, says:

Be more concerned with your character than your reputation, because your character is what you really are, while your reputation is merely what others think you are. The true test of a man's character is what he does when no one is watching.

Your attitude should not merely be to stay away from trouble, but more importantly, to perform with the utmost integrity that demonstrates your character.

----- **Tear Here** -----

I have read and understood the attached. I look forward to communicating with you about my child's academic progress.

Parent or Guardian's Name (Print)

Parent or Guardian's Signature

Parent or Guardian's Phone Number

Home Language

Parent or Guardian's Email