

**Core Chemistry Syllabus 2022-2023**

Welcome back to school! You are enrolled in Core Chemistry with Mr. Stoner. Details about classroom policies and course expectations can be found on my website <https://www.cusd80.com/Domain/7315>

**Course Overview**

Core Chemistry is a lab-oriented course emphasizing elements, compounds, and mixtures as found in nature. Basic problems in Chemistry, chemical reactions, and equations are studied in-depth. A laboratory component is included, and emphasis will be placed on applying concepts to experimental data.

The course will cover scientific methods and analysis of data; electron structure of atoms and effects on properties of the elements; nuclear chemistry; geometry of compounds and effects on properties; molecular and ionic substances; chemical reactions; stoichiometry; structure and properties of gases, liquids and solids; expressing concentration of solutions; thermochemistry; chemical kinetics; equilibrium, including acids and bases.

**Required Materials**

* 3 ring binder or folder dedicated to this science class.
* Notebook or looseleaf paper in your binder for notes
* Index cards (3”x 5”)
* Pencils/Pen (blue or black)
* Scientific calculator – must do scientific notation (Cell phones or other electronic devices **MAY NOT** be used as calculators on a test/quiz!) Does not have to be a graphing calculator, but that is one of the better options.

**Grading**

Grades will be calculated as follows:

Semester Cumulative (weighted)

* Assessments (60%)-Test/Quizzes
* Homework Quizzes (15%)
* Labs/Activities (15%)
* Participation (10%)

The final semester grades will break down as follows:

* 80% from the above listed areas (semester cumulative)
* 20% from the final exam

The letter grades for this class breaks down as follows:

A = 90% - 100% B = 80% - 89% C = 70% - 79% D = 60% - 69% F = 59% or lower

**Test Retakes**

Every student has the opportunity to retake one chapter TEST each semester. If a student scores lower than a 70% on a test and decides to retake the test, the student can only score up to a 70% on the retake. If a higher score is not achieved on the test retake, I will take the higher of the two scores and this attempt will not count towards your semester test retake.

**Homework**

You can expect to have about a half hour to an hour of homework each night for this class. The homework assignments are for practice purposes only and will not be scored for a grade. Homework is the opportunity to make mistakes without point deductions. At the beginning of each week, students will be given a short quiz over the previous week’s homework assignments. Think of this as your homework grade for the semester.

**Make Up Work/Late Work**

**Make up work will only be accepted if your absence has been excused following the school policy.** When you are absent, it is your responsibility to collect the work you missed and turn it in within the appropriate amount of time determined based on your absence. You have the same number of days to turn in your missing work as the number of days you were absent. Anything that was due the day of your absence will be due the day you return. If you are absent during a lab day, you have **one week** to come in and make up the lab or you will receive a zero on the assignment. You will be given the same amount of time to complete your lab assignment as the rest of the students. **If you are absent on a test day and your absence is unexcused, you may still take the test to see the questions, but you will not be given credit for this test.**

**Participation­**

Students will be given a grade based on their participation in the class. Every week, students will have the opportunity to earn 10 points in this grade category. Point deductions from this category may include but are not limited to: being late to class without a pass, refusal to answer questions when called on or participate in classroom discussions, leaving class excessively, failure to bring a scientific calculator every day, displaying unsafe laboratory behaviors when performing labs, or not prepared for class.

**Extra Credit**

Any extra credit will be academic and relevant to the course and will not exceed 1% of a student’s semester grade. A minimal amount of extra credit may be offered to the entire class on rare occasions; however, it is not designed to rescue a student’s grade at the end of the semester. Students are expected to make their best effort throughout the grading period.

**CLASSROOM RULES**

* Punctual and on time every day.
* Engaged and participating in classroom activities.
* Remain in assigned seats unless otherwise instructed.
* Be kind and courteous to classmates and instructor.
* One person out of the room at any time
* ABSOLUTELY NO FOOD OR DRINK (other than water)

If at any time, you do not comply with the classroom rules and expectations, appropriate disciplinary actions will be taken.

**Electronic Devices (cell phones, watches, tablets, laptops)**

* will be collected each day at the beginning of class and returned to students after the lesson.
* will be collected during test administration.

If you have any questions or concerns about any policies or the course itself, please email me at Stoner.Jacob@CUSD80.com.

Sincerely,

Mr. Jacob Stoner

Perry High School Science Department

Core Chemistry