



Welcome to Chemistry!

Coach Adams

Room B219

Phone: 817-306-0914

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Conference: 4th Period 10:00-10:50

Tutoring Times: By appointment or T, W, F during 4th period

Course Description:

In Chemistry, students conduct laboratory and field investigations, use scientific processes during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Class Expectations:

Follow all safety protocols

Be prompt

Be respectful of yourself, others and the facilities

Display integrity—both personally and academically

Supplies:

- Composition Notebook – VERY IMPORTANT! Most of our work will be completed within the composition notebook. We will use these to record notes, lab reports, and other information as needed. **Do NOT lose it!**
- Pencils.
- Each student is asked to bring in the following items:
 - 4 AAA batteries
 - 2 jumbo glue sticks
 - 1 Paper Towel Roll
- Access to Canvas and Office365 tools is available to students through our Single Sign-on Portal (SSO). Students receive their SSO login during enrollment.

Student Evaluation:

- The grading system for this course is as follows:
 - Grade averaged 60% Major 40% Minor
- Major grades – tests (including District Common Assessments, six weeks assessments, projects, final essays, research papers, presentations); minimum three per six weeks

- Minor grades – quizzes, daily assignments, journals; minimum four per six weeks
- Semester exams will count 1/7 of the semester grade
- A letter system (S, N, U) is used to report a student’s conduct based on proper/responsive conduct and citizenship
- Per Board Policy EIA (LOCAL), “The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments, quizzes, six-week test, and semester final examinations. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%. **Course Goals:**
- Official grades will be in Skyward only and can be accessed by student and parent through Family Access.
- The learner will demonstrate understanding of **scientific thinking** in journals/notebooks.
- The learner will demonstrate CER writing skills. **Claim, Evidence, Reasoning.**
- The learner will demonstrate and use **AVID** strategies.
- The learner will demonstrate appropriate **scientific writing** by using **APA style**.
- The learner will be exposed to **higher levels** Bloom's Taxonomy: **evaluation, synthesis, analysis, application, comprehension, and knowledge.**
- This course will also help to explore ways to implement **Safety, Respect and Responsibility** to all students to help make them **better citizens** of our community and environmental impact.

Assignments, Exams, Expectations outside of the classroom:

Projects and work not completed during class time will be expected to be completed on the student’s own time and submitted in a timely manner.

Attendance/Tardy Policy/Make-Up Work:

EMS-ISD policy will be followed. Absent/make-up: time equal to days absent +1. If you are a student athlete, you are expected to get your work in advance and turn in on time. Contact me via e-mail for absent work if absence(s) is excessive, etc.

If you are absent, it is your responsibility to get make up work from Canvas *during non-instructional time* before you return to class. You may use your own computer or the library. All daily make-up work must be completed within two days. If you miss a test or lab, you will have three days to schedule a make-up time. **If you are gone for a school related activity, please ask for your work ahead of time.** If you will be missing a test because of a school related activity, you must take your test 1 day before or after your event. Zeroes will be given for make-up work not turned in.

Classroom Expectations:

Be in class on time. Have your homework and materials ready. Phones will be put away either in the designated area or out of site in a backpack. **Phones/earbuds are not allowed to be out unless given permission from teacher.** Stay in seat until the bell rings for dismissal.

Academic Integrity:

Academic integrity values the work of individuals regardless if it is another student’s work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty includes cheating, copying the work

of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.

Technology:

Canvas will be a component of this class. Students will find all assignments, videos, notes, and any additional study resources that will help promote student ownership of being successful. The website for Canvas can be found at the following url:

<https://emsisd.instructure.com>

Students will have access to an online textbook. This can be used as a supplemental resource to help students develop a better understanding of a concept that they are struggling with. The information for the online textbook is found below:

Textbook website: <http://my.hrw.com>
Username: ems + student ID example username: ems123456
Password: ems + student ID example password: ems123456

Scope and Sequence:

The following table shows the specific chemistry concepts and the six weeks in which we will learn them.

| Six Weeks | Topics |
|-----------------------|--|
| 1st | Safety, Matter, Measurement |
| 2nd | Periodic Table and Trends, Moles, Electrons |
| 3rd | Bonding/VSEPR, Nomenclature |
| 4th | Mole Applications, Chemical Reactions |
| 5th | Stoichiometry, Solutions, Acids/Bases |
| 6th | Gases, Thermodynamics |