



CHEMISTRY - FALL 2024

Teacher Name: Ashley Horne

Teacher Email: ahorne@madisoncity.k12.al.us

Course Description:

This course focuses on the composition, structure, and behavior of matter. Due to the emphasis on advanced problem-solving, incorporating algebraic skills, and a variety of laboratory activities, it is highly recommended that students have earned a “B” or higher average in Algebra I. If a student has taken Algebra IA and IB it is recommended they take Physical Science before taking Chemistry I to ensure success in Chemistry. It has been generally noted that students in Algebra IA and IB struggle more with the math in Chemistry I and Physical Science gives more foundation in science computation. This course meets the physical science graduation requirement.

Classroom Management Plan:

Classroom Management Plan

- Verbal reprimand
- Conference with student with parent contact
- Withdrawal of privilege(s) with parent contact
- Other consequences determined to be reasonable and appropriate by the school administration.

Cell Phones

Cell phones and earbuds/headphones will not be allowed to be used during classroom instruction time. Phones and earbuds/headphones will be put away in a location designated by the teacher and placed in silent mode. In secondary schools, students will have access to their phones and earbuds/headphones outside of classroom instruction time such as between classes and lunch. Failure to follow these procedures will result in consequences in the classroom management plan.

Grading Policy:

Test grades will account for 70% of the 9-weeks grade, with the remaining 30% being determined by quiz/daily grades. The grading scale is as follows: A (90-100%), B (80-89), C (70-79), D (65-69), and F (below 65). Grades will be a reflection of mastery of the standards. Make sure all absences are excused as class work can be made up and graded for excused absences only. The final exam counts for 20% of the final grade.

Make-up Work Policy:

This course will follow the MCS Code of Conduct for make-up work. Make-up test time is once per week on a day determined by the instructor.



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***Texts and Other
Required Reading:***

Text: *Introductory Chemistry: A Foundation*, Zumdahl and DeCoste, 2015

***Materials and
Supplies Needed:***

Scientific Calculator (*NOT A PHONE*), pencils, and spiral notebook

Laptops

Concerning laptop utilization: 1. Student laptops should not be hard-wired to the network or have print capabilities. 2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. 3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. 4. Laptops and other electronic devices will be used at the individual discretion of the teacher.

***Turnitin Notice
(English Courses)***

The majority of writing assignments in this course will be submitted to Turnitin via the Schoology learning platform. Turnitin generates a report on the originality of student writing by comparing it with a database of periodicals, books, online content, student papers, and other published work. This program will help students discern when they are using sources fairly, citing properly, and paraphrasing effectively - skills essential to all academic work.

Students will have the opportunity to review their Turnitin originality report and will have the opportunity to make revisions before submitting their work for grading. Once their work is submitted, teachers have the opportunity to view the student/s originality report and grade accordingly.

Accommodations

Requests for accommodations for this course or any school event are welcomed from students and parents.



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18 - WEEK PLAN*	
WEEK 1	Safety, Classification and Investigation of Matter
WEEK 2	Investigation of Matter/Units of Measure, Accuracy, Precision and Dimensional Analysis
WEEK 3	Investigation of Matter/Units of Measure, Accuracy, Precision and Dimensional Analysis
WEEK 4	KMT and Gases
WEEK 5	KMT and Gases
WEEK 6	Chemical Bonding
WEEK 7	Chemical Bonding
WEEK 8	Nature of Electrons and Trends on the Periodic Table
WEEK 9	Nature of Electrons and Trends on the Periodic Table
WEEK 10	Chemical Bonding
WEEK 11	Chemical Bonding
WEEK 12	Stoichiometry
WEEK 13	Stoichiometry
WEEK 14	Chemical Reactions and Equations
WEEK 15	Chemical Reactions and Equations
WEEK 16	Solutions
WEEK 17	Solutions
WEEK 18	Acids and Bases

* This syllabus serves as a guide for both the teacher and student; however, during the term it may become necessary to make additions, deletions or substitutions.



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Dear Parent/Guardian,

I look forward to having a great year! I feel fortunate to have your learner in my class this semester and hope that you will contact me should you have any concerns. With your learner, please read the policies above that go with this form, then sign and date this signature page and return this form as soon as possible. It is going to be a GREAT semester!

Thank you,
Ashley Horne

Please sign below to acknowledge that you have received, read, and understood the syllabus.

Student name: _____

Student signature: _____

Parent/guardian name: _____

Parent/guardian signature: _____

Parent/guardian, please provide two ways for me to contact you (email address, phone numbers):

Parent/guardian Email:

Parent/Guardian Phone number:
