

AP Chemistry

2020 -----

Ms. Hutto

----- 2021

COMMUNICATION

with the teacher

1 mhutto@madison-schools.com

2 Remind:
Text @chemmavs21 to 81010

Classroom

rules

- 1 Listen Carefully
- 2 Be Prepared
- 3 Participate Positively
- 4 Be Respectful to me and to others
- 5 Work Hard
- 6 Use appropriate language

Unit *outline*

- 1 Atomic Structure and Properties
- 2 Molecular and Ionic Compound Structure and Properties
- 3 Intermolecular Forces and Properties
- 4 Chemical Reactions
- 5 Kinetics
- 6 Thermodynamics
- 7 Equilibrium
- 8 Acids and Bases
- 9 Applications of Thermodynamics

CLASSROOM MATERIALS

to be successful

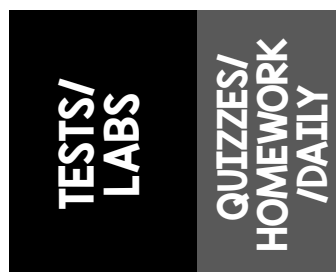
- 1 FULLY CHARGED MACBOOK
- 2 MASK TO BE WORN AT ALL TIMES

CHEMISTRY

class grading scale

66%

34%



Course *description*

The AP Chemistry course is designed to be the equivalent of a general chemistry course students would take in their first year of college. This course differs from the usual high school course in chemistry with respect to the kind of textbook used, the amount of topics covered, the emphasis on chemical calculations, the mathematical formulation of principles, and the nature and variety of laboratory work done by students. Students should expect to spend an extensive amount of time (~ 5 hours per week) outside of class reading, working problems, and studying the material.

Chemistry policies and procedures

CLASSROOM EXPECTATIONS

1. Show respect to all people and property (including lab equipment) at all times.
2. Follow directions the 1st time and pay attention
3. Come to class on time and with all materials.
4. Ask questions and participate in class
5. Use Mav break time wisely

FOOD & DRINK POLICY

In general, food and drinks are allowed in my class. This is contingent on it not becoming a distraction in class, and as long as students can handle the responsibility. This policy is subject to change at my discretion, and at any time.

NO FOOD OR DRINKS IN THE LAB AT ANY TIME!!!

LATE WORK

Late work will not be taken, unless under extreme circumstances (was in the hospital, family member dies, in court)

MAKE UP WORK

- Make-up work should be made up within 3 days of the absence. Tests should be made up within 1 week.
- Tests and Quizzes will be made up during Mav break or before school only.
- Students are responsible for obtaining make-up work from the folder. Most will also be placed on the Canvas course within 1-2 days of assigning it.

ANY OF THIS IS SUBJECT TO CHANGE WITH COVID 19 UPDATES.

AP Chemistry Exam

The AP Chemistry Exam consists of two sections: multiple choice and free response.

Both sections include questions that assess the students' understanding of the big ideas, enduring understandings, and essential knowledge, and how they can be applied through the science practices. These may include questions on the use of modeling to explain chemistry principles, the use of mathematical processes to explain concepts, making predictions and justifying phenomena, experimental design, and manipulation and interpretation of data.

The exam is 3 hours long and includes both a 90-minute multiple-choice section and a 90-minute free-response section. The multiple-choice section accounts for half of each student's exam grade, and the free-response section accounts for the other half.

Section I consists of 60 multiple-choice questions, either as discrete questions or question sets, that represent the knowledge and science practices outlined in the AP Chemistry curriculum framework, which students should understand and be able to apply. Question sets are a new type of question: They provide a stimulus or a set of data and a series of related questions.

Section II contains two types of free-response questions (short and long), and each student will have a total of 90 minutes to complete all of the questions. Section II of the exam will contain questions pertaining to experimental design, analysis of authentic lab data and observations to identify patterns or explain phenomena, creating or analyzing atomic and molecular views to explain observations, articulating and then translating between representations, and following a logical/analytical pathway to solve a problem.

Students will be allowed to use a scientific calculator on the entire free-response section of the exam. Additionally, students will be supplied with a periodic table of the elements and a formula and constants chart to use on both the multiple-choice and free-response sections of the exam.

CELL PHONE POLICY

- You will be able to keep your phones with you, **THEY SHOULD BE IN YOUR BACKPACK**. If I see you on it, I will take it up for the rest of the class.
- There will be times where I will let you listen to music on your phone, **BUT AGAIN IT SHOULD NOT BE OUT UNLESS I ALLOW YOU TO USE IT.**