

# WELCOME TO

## Mrs. Trice's AP Chemistry

# CLASS

Advanced Placement Chemistry is an intense course offered for advanced students who wish to pursue a program of post-secondary study. Students will have the opportunity to take the Advanced Placement Examination in chemistry. The course provides the principles of chemistry through a program of theory, experimentation, and problem solving. The course emphasizes chemical calculations and the mathematical formulation of principles. A.P. Chemistry meets 5 days per week for 60-120 minutes depending on the rotating schedule. Laboratories average one per week and provide hands-on experience. Students will communicate their results in written laboratory reports. A major unit test will follow each unit and students are required to take the AP chemistry exam at the conclusion of the course.

### Materials

2 Notebooks (spiral or composition) of your choice for note taking and labs.

Graphing Calculator (optional)

Color Pens/Markers (optional)

## distance learning expectations

### GRADES

The term grades will be based on the following categories and weight:

- 60% - Tests and Quizzes
- 40% - Class work

### TECH + MATERIALS

- Schoology
- Google Meets
- Remind

### EXPECTATIONS

- Come to class on time with all required materials
- Be respectful of the rights of others. This includes being respectful to the teacher.
- Use positive comments and professional communication skills.
- Ask me for additional help when the need arises.

### CLASS CODES

- **Schoology:** GTK2-JVXX-NFCBH
- **Remind:** Text the message @gh9ag4 to the number 81010

contact :

**EMAIL:** mayk@dcpsmd.org

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### Course Sequencing

- Unit 1: Atomic Structure and Properties (9-10 classes)
- Unit 2: Molecular and Ionic Compound Structure and Properties (12-13 classes)
- Unit 3: Intermolecular Forces and Properties (14-15 classes)
- Unit 4: Chemical Reactions (14-15 classes)
- Unit 5: Kinetics (13-14 classes)
- Unit 6: Thermodynamics (10-11 classes)
- Unit 7: Equilibrium (14-16 classes)
- Unit 8: Acids and Bases (14-15 classes)
- Unit 9: Applications of Thermodynamics (10-13 classes)

Assessments will be given during and at the end of each unit.

The AP Chemistry Exam will test your understanding of the scientific concepts covered in the course units, as well as your ability to design and describe chemical experiments.

A scientific or graphing calculator is recommended for use on Section 2 of the exam, and you will be provided with a periodic table and a formula sheet that lists specific and relevant formulas for use on the exam.

Exam Date: Friday, May 7, 2021, 8 AM Local  
Exam Duration: 3hrs 15mins

contact :

**EMAIL:** [mayk@dcpsmd.org](mailto:mayk@dcpsmd.org)