



Welcome to Chemistry with Mrs. Johns 2022-2023!

Debbie Johns

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Conference Period: 4th period

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Course Description and Goals:

Welcome to Advanced Chemistry! This class will be a fun, fast-paced introduction to the world of chemistry. Advanced Chemistry is intended to prepare students for AP chemistry or a college-level chemistry course. The pace will be brisk and students will be expected to spend time outside of class each day in order to keep up and be prepared. At the conclusion of the course, students will have been introduced to the major topics in chemistry, and will have developed the essential skills (especially math, critical thinking and scientific reasoning) to continue to chemistry at the college level.

Topics Covered:

1st semester

Lab Safety/Elements
Matter & Change
Dimensional Analysis/Sig Figs
Atomic History, Structure & the Mole
Electrons
Periodic Table
Covalent Bonding & the Mole
Ionic Bonding & the Mole
Chemical Reactions

2nd semester

Chemical Reactions
Stoichiometry
Gas Laws
Solutions Acids and Bases
Precip/Redox Reactions
Thermodynamics
Kinetics
Equilibrium

Supplies Needed:

General materials needed for each student daily: paper, pen/pencil, a notebook or folder designated for chemistry, and graphing calculator (not required, but beneficial).

Grades:

You may use the following information to calculate your grade at any time during the six weeks.

- Daily Grades (Formative Assessments): labs, quizzes 2X, homework/classwork: 30%
- Major Grades (Summative Assessments): exams, projects: 70%

Retest Policy

Students may choose to reassess one summative assessment per 9 week period. The reassessment grade will be on a scale of 0-70 regardless of the first test score. Reassessment may not be available for the last summative assessment of a grading period due to time constraints. If students want an opportunity to be reassessed on a summative assessment, students must:

1. Attend at least 1 tutorial session on the non-mastered material.
2. Make corrections to the original assessment and discuss the assessment with the teacher during tutorials.
3. Complete all missing assignments pertaining to the unit they want to reassess. Late work policy will apply.
4. When possible, retest within 1 week of the original return of the assessment

Classwork/Homework

Class work and homework are tools for practicing a skill or to help learn a particular topic. Class work and homework will be checked, but not always graded. However, class work and homework are necessary for your success on quizzes and tests and will be required prior to any reassessment.

Student Expectations

1. Participate
2. Perform at your 100% best
3. Electronic devices are to be placed in backpack/purse or my charging station during class period unless you have permission to use them during a class activity
4. Follow all classroom expectations AND safety protocols set forth by KHS and your teacher
5. Respect yourself, each other, the supplies, and the learning.

Exams

During each nine-week period, you will have at least 3 summative grades. Because major grades are 70% of your total 9 weeks' average, each project or exam is crucial to your nine-week average and needs to be completed in a timely manner. Take tests and projects seriously. If you follow directions and put an honest effort, you should be fine.

SIDE NOTE: The study of chemistry requires more comprehension than memorization, and will challenge you to think in new ways. Waiting until the night before the test to start studying is not a good idea. Try to study a little every day. You will not be able to memorize materials for each test and then forget those topics. CHEMISTRY BUILDS UPON ITSELF. What you learn for each test will be seen in future units and APPLIED.

Makeup Work

It is your responsibility to keep up with any missed work. All work and lessons are posted in Schoology. District policy allows one class day of make-up for each day missed. Assignments due on the date of the absence are due on the day of return. Tests are to be made up following the same policy of 1 day for every day missed. You must arrange to make-up missed tests with me upon your return to school and tests not made up on-time will be administered in the next class period. If you are sick and will be out several days in a row, please keep in contact with me so we can prioritize your efforts in making up work. All work will be posted in Schoology, along with the video lessons.

Lab Attire

On lab days students must wear appropriate clothing to participate in lab. Close-toed shoes, clothing that covers at least to the knees, tied back hair, goggles, no loose articles of clothing, lab aprons, and no jewelry are all expected standards of dress. This is for the student's safety during lab experiences. The instructor can and will remove a student for not being in compliance with proper safe lab attire.



Cell Phone Policy: Unless I receive written permission from a parent/guardian, cell phones, earbuds, smart watches, etc. are NOT to be in use during instructional or lab time. Success in chemistry is based upon attentive listening and participation. Use of aforementioned during or after a quiz or test will result in the student earning a **ZERO** on the quiz or test.

Website and Schoology

My website is located on the KHS page under staff sites and will contain limited information due to KHS utilizing Schoology.

I will upload your class notes, unit packets, periodic tables, homework assignments, lab activities, and links to videos on SCHOOLGY. I will also use Schoology to communicate important class information

Dear Parents/Guardians,

I ask for your help in encouraging your student to keep up with class material as Chemistry is a subject that builds upon itself and it is imperative that students develop a strong, solid foundation. Please know that I am here to help your student be successful in my class. I highly value communication with parents and hope to hear from you if you have any questions or concerns about your student's performance. Thank you! I am looking forward to a GREAT year in Chemistry!

Student and Parent/Guardian Please sign below and return the bottom half of this page by Monday, August 15, 2022. Thank you!

By signing below, I acknowledge receipt of and the reading of the Chemistry class syllabus for Mrs. Johns.

Student printed name	Student Signature	Date
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Parent/Guardian printed name	Signature	Date
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