

Course Outline
Chemistry 2015-2016
Citrus Valley High School

Instructor: Dr. Stover
Classroom: E144

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Letter to Parent(s)/Guardian:

Welcome to Chemistry. My name is Dr. Stover and I will be your son's/daughter's Chemistry teacher this year. I am delighted to have your student in my class. I plan to help all my students acquire a deep and rich understanding of chemistry and of its real-life application around them. I want to teach them the knowledge and skills they need to gradually transition from school work to real world work in order to become responsible young adults. I am looking forward to working with you to make this school year an excellent learning experience for your student.

Main Topics:

Atomic Theory & Structure, Chemical Equations and Reactions, Gas Laws, Liquids & Solids, Radioactivity, The Periodic Table, Chemical Bonding, Energy Changes, Nuclear Chemistry, Thermodynamics, Chemical Kinetics, Equilibrium, Acids & Bases, and Electrochemistry.

Due to the extensive mathematical and theoretical nature of this class, students can quickly find they are overwhelmed. The best remedy for this is to **study**. It is imperative that students have a **complete set of notes including sample problems** in order to study effectively.

About Chemistry: Chemistry is a college preparatory science course. Because the study of chemistry is an abstract subject, students may feel a greater sense of anxiety than in previous high school course work. Many students feel overwhelmed and find it difficult to keep up. It is essential that students attend class every day and arrive on time and prepared. Students should be studying **every night** whether or not a specific assignment has been given.

Course Textbook: Glencoe Science Chemistry: Matter and Change

Online Resources: dosctover.org, **Bozeman Science**

Required Materials: Module (**Homework and Practice Problems**)

Spiral bound notebook for Class notes
Dark blue or black pens, #2 pencils
Highlighter (any color) or red pens
Loose leaf paper
Scientific Calculator

Class Rules: Department, school, and district rules and procedures are strictly enforced in the classroom and campus at all times.

1. All students are expected to follow the school-wide classroom policies.
2. Be on time to class. You must be in the room and near your seat at the time the bell rings.
3. Bring required materials.
4. Respect other students, the teacher, aides, and the classroom environment as a whole.
 - If any student persists in the inhibition of the learning of other students, he/she will be removed from the class.
 - Please keep all music devices, cellular phone and other electrical devise turned off in your backpack at all times.
 - There is no grooming in the classroom, items will be confiscated.
5. Please follow teacher's directions and exhibit an on-task behavior
 - Students must know and shall follow correct laboratory safety procedures.
6. Absolutely no cheating.
 - Students are expected to be young responsible adults with good morals. Those who violate this rule will automatically get zero and will be held accountable to the fullest extent.

Grading System: Grades are calculated as an average of total points earned over points as follows:

Assessment (quizzes, unit or chapter tests) =	45%
Classwork (group work, labs, class activities/projects) =	20%
Binder Packets (Class notes, homework, bell work, vocabulary) =	20%
Class participation =	5%
Final Exams =	10%

An overall grade from:

100%-97% is an A+; 94% is an A; 93-90% is an A-;
89%-87% is a B+; 86%-84% is a B; 83%-80% is a B-;
79%-77% is a C+; 76%-74% is a C; 73%-70% is a C-;
69% and below is a non-proficient grade.

Class Notes: All notes will be posted on the class website. Students will create their own notes, Cornell style, on their spiral notebook. They will be graded on the posted due date. . **Late work will get deductions, 10 points off daily until the first week. After a week that a test is not made up, a grade of zero will be given.**

Assignments: All assignments must contain a title, name, date, and period in the heading. Homework will be due the following day unless otherwise specified. **Late work will get deductions, 10 points off daily until the first week. After a week that a test is not made up, a grade of zero will be given.**

Test and Quizzes: Quizzes will be given periodically and may be announced or unannounced to check for progress. Unannounced quizzes will be taken with open notes. It is the responsibility of the student to get the notes that were missed during an absence. Unit tests are given at the end of each unit/chapter. **After a week that a test is not made up, a grade of zero will be given.**

Lab: Format for writing lab reports must be followed at all times. They are due at the end of each lab, or when specified. Due to the nature of labs, it is extremely important that you be here on lab days. Labs involve chemicals and equipment that may be available on lab days only.

Project: A major project (either per individual or as group) may be assigned at least once a semester if time permits.

Make-up Work: It is the responsibility of the student to obtain assignments missed due to excused absences. All assignments and class work are posted on the website. Make-up homework is due a day after the student returns to class following an absence. **Late work will get 10 points deducted daily. After a week that a homework is not made up, a grade of zero will be given.**

Lab Make-up: To make up missed lab, the students must find and read one chemistry-related article and write a one page summary of the article. **This is due within the week of the missed lab. Late work will get 10 points deducted daily. After a week that a lab is not made up, a grade of zero will be given.**

Extra Credit Work: Some extra credit work will be available throughout the year. Options will be discussed at a later date. **Students must have all required assignments completed before working on extra credit.**

Please keep this in your "Science Binder" at all times. This is worth 10 pts of participation.

Sign Sheet Section to be turned in

Please fill in the following information and provide phone number(s) where I can contact you or leave a message concerning your student. Please include email if available because I find this a very useful tool of communication also.

Student's name: _____

Father's name: _____

Contact Number: _____

Email: _____

Mother's name: _____

Contact Number: _____

Email: _____

Please list any information that I should be aware of that may limit participation in certain class or laboratory activities. Thank you.

Chemistry

“My son/daughter and I have read the student behavior contract and agree to abide by these rules, or as a parent, help my student to keep these rules by: providing a quiet place for them to work, encouraging them to do their best, complimenting them when they do well, seeing that they get enough sleep at night, and get a nutritious breakfast in the morning.”

Student Name: _____

Period: _____

Student Signature: _____

Parent/Guardian Signature: _____

Date: _____