

Dougherty Valley HS
Chemistry - Fall 2009 Semester

Mrs. Farmer

Room 2212

Phone: (925)479-6400 x30202

Class Website: www.mrsfarmerschemistryclass.com

Email: mrsfarmerschemistryclass@gmail.com

Welcome to College Prep Chemistry. This class is hard work and can be fun at the same time. I expect you to come to class prepared to learn, do the work for this class, and succeed. It is your responsibility to understand and complete ALL the work. This course follows the school district and state standards in Chemistry with preparation for the STAR Exam. **You are required to get a NON-GRAPHING SCIENTIFIC CALCULATOR for class.**

MRS. FARMER'S CONTACT INFO: (use any or all of these methods)

- Class Web Site: www.mrsfarmerschemistryclass.com
- School Loop: <http://dvhs.schoolloop.com> (*My School Loop account is not set up yet, so use above website until notified*)
- E-mail: mrsfarmerschemistryclass@gmail.com ← e-mail is usually quickest (*School email not set up yet. Use this email until notified*)
- School Phone: (925) 479-6400 (Ext. 30202)

If you have any questions during the school year, feel free to ask me to clarify. My contact information is provided above.

Topics Covered in This Semester:

(not in sequence; topics may be added or removed time permitting.)

Textbook: Modern Chemistry – Houghton Mifflin Co.

- | | |
|---------------------------|--|
| • Atomic Nature of Matter | • Geometry of Simple Molecules & Polyatomic Ions |
| • Energy/Thermochemistry | • Chemical Dynamics / Kinetics |
| • Chemical Bonding | • Inter-atomic, Intermolecular, & Inter-ionic Forces |
| • Solids and Liquids | • Solutions |
| • Chemical Reactivity | • Electrochemistry |
| • Organic Chemistry | • Nuclear Chemistry |
| • Equilibrium | • Biochemistry |

HOMEWORK

All written homework assigned will be due the next class period unless otherwise noted. **NO LATE HOMEWORK WILL BE ACCEPTED.** Not every homework assignment will be collected and graded. If you have a legally excused absence, it is **YOUR RESPONSIBILITY** to find out what the missed class work and homework assignment(s) was and complete it. The homework assignments can be found on School Loop: <http://dvhs.schoolloop.com>. You get the number of days absent to complete missed work and any make-up assessments. **Homework assignments subject to change at Mrs. Farmer's discretion.**

NOTEBOOK

You will need an organized 1 ½ inch binder containing 6 dividers that will be used for ONLY this class. There will be notebook checks that require students to leave notebooks at school overnight, so it is very important

that this binder be dedicated to this class. You must have 6 sections in this order: Official Handouts, Reading Notes, Homework, Class Notes, Labs, Tests & Quizzes. This notebook may be evaluated for organization, neatness, and completeness by notebook quizzes and/or notebook checks (see other side).

LAB REPORTS

Lab reports will be completed for homework and the teacher will give the due date. Reports must be typed, 1.5-spaced with 1-inch margins and in a 12-point legible font, and needs to include some of each of the following completed sections in the following order unless otherwise indicated by Mrs. Farmer:

1. Title
2. Purpose/Objective
3. Hypothesis
4. Background Information
5. Materials
6. Procedure
7. Observations and/or Data
8. Calculations and/or Results
9. Lab-Related Questions & Answers
10. Conclusion

QUIZZES and FORMATIVE ASSESSMENTS

In-class quizzes include closed note and closed book quizzes, and open-note quizzes. Quizzes are given every week, and Formative Assessments are given approximately every 2 weeks. Approximately 3-4 benchmark assessments will be given during the semester, and workshops will follow.

GRADING

Homework: Approximately 10%

Class Participation: Approx. 10%

Lab Reports and Projects: Approx. 30%

Quizzes and Formative Assessment (Benchmarks/Tests):* Approx. 40%

Summative Assessment (Final): Approx. 10%

*Definition: **Benchmark** – can retake after workshop to earn up to 70%. **Test** – no workshop or retake. Grade earned is final

GRADES

(see page 5)

CLASS RULES

- 1) SHOW RESPECT, RESPONSIBILITY, AND RESOURCEFULNESS (includes but not limited to: the teacher, others, the classroom, yourself).
- 2) Have fun learning science.
- 3) Come to class prepared, on time, and ready to learn.
- 4) All school rules will be enforced. (See the student/school handbook for complete list.)
- 5) No hats allowed to be worn during class time
- 6) No gum/food/drink other than H₂O

LABORATORY SAFETY FOR CHEMISTRY

By following certain respect and common sense rules in the science laboratory, you can make the lab safe for both you and all others around you. We may perform experiments every class day. Be prepared.

- 1) Never work in the lab unless a teacher is present and aware of what you are doing.
- 2) Prepare for the lab activity or experiment by reading it first AND appropriately completing the pre-lab assignment. If something is unclear about the lab, ask questions. Be sure to make note of any cautions stated.
- 3) Dress appropriately for lab. Avoid wearing loose fitting or bulky clothing or dangling jewelry. Wear closed-toed shoes, rather than sandals. Bring closed-toed shoes with you to every class.
- 4) Keep the work area free of any books or materials not needed for the lab.
- 5) Never throw anything in the lab.

- 6) Wear safety goggles whenever working with flames, heated liquids, glassware, and whenever the teacher requests.
- 7) Use the materials only as instructed in the manual or by the teacher. If you wish to try an alternate method, consult the teacher first.
- 8) Report any injuries, accidents, or breakages to your teacher immediately. Also report anything that you suspect may be malfunctioning.
- 9) Work quietly so that you can hear any announcements concerning cautions and safety.
- 10) When you have finished your lab work, make sure that water and gas are turned off. Return all materials used to the places designated by the teacher. Follow the teacher's directions for disposal of any waste materials. Clean the work area.

You will not be allowed to perform a given experiment if any of the above rules or any additional rules subject to teacher discretion are not followed. Safety means being prepared and ready.

NOTE

To be successful in Chemistry you must attend class regularly. No student will fail this class if they attend class, make productive use of time, turn in all assignments on time, take all tests and quizzes, complete labs and projects, and above all put forth a strong EFFORT.

- *EFFORT = SUCCESS*

Extra Help

I will make time outside of class to help students as much as possible. I will make appointments for before school and after school for students to come in and get help. If you are willing to put the extra effort in, I am more than happy to find times to meet with you!

DOUGHERTY VALLEY HIGH SCHOOL 2009-2010 GOALS

1. All students have the opportunity to access the full curriculum, extra-curricular activities, and community support.
2. Actively apply and strengthen strategies that foster respect and value diversity in a safe, clean, and caring environment.
3. Staff will support students with special needs through collaboration, consistent communication, and professional development for all staff.
4. Implement consistent practices that provide a welcoming and responsive environment for students, staff, parents, and community.

MASTERY INFORMATION

Dougherty Valley High School believes all students will achieve the highest level of mastery on the state standard formative assessments. Students who achieve below 70% of the standards have an opportunity to attend departmental workshops. Students receive support based on the specific standards missed and have an opportunity to be re-assessed to improve their grade up to a C or 70%.

ACADEMIC HONESTY POLICY

Honest behavior is an expectation at DVHS. The purpose of the policy is to create and maintain an ethical academic atmosphere in which strong behavioral consequences will be enforced. Teachers also address cheating and plagiarism in their course policies. **Counselors will be notified of the incident and it may be disclosed on a student's college application. Staff will access Turnitin.com to review plagiarism information taken from websites.**

- Copying from another student
- Unauthorized collaboration on assignment

- Using unauthorized materials/resources (spark/cliff notes, cell phones, calculators, etc.)
- Submitting an essay written in whole or in part by someone else as one's own
- Preparing an essay or assignment for submission by another student
- Copying an assignment or essay or allowing one's assignment or essay to be copied by someone else
- Using direct quotations, large sections or paraphrased material without acknowledgement
- Buying or selling essays or assignments
- Submitting whole or part of computer-generated documents or materials with or without minor modifications as one's own

Consequences for Academic Dishonesty will include appropriate disciplinary measures consistent with Board policy and the California Education Code. One or more of the following consequences may occur. Disciplinary consequences will be cumulative for only the current school year per class and will be noted in students discipline file.

Examples include, but are not limited to:

1. Parent /Guardian contacted by teacher
2. Referral to assistant principal for disciplinary consequences; parent/guardian will be notified.
3. Loss of all credit for the assignment or test with no makeup permitted.
4. Upon second violation of 2nd degree cheating within the same course, the student may be dropped from the class.
5. Monday School (3 hours)
6. Suspension from school

Please see the DVHS Student Handbook for complete list of consequences for 1st, 2nd, and 3rd Degree offenses.

SCIENCE DEPT. MISSION STATEMENT

It is our mission to have a high-quality, motivated department with diverse ideas, skills, and backgrounds to assist students to become "scientifically literate", to learn how to think, to develop a curiosity of the world around them, and to use the skills and knowledge of science and technology as they apply to personal and social decisions. Our goal is to have simultaneous excellence in science and technology, experiments, and teaching practices that instill in all students a deeper appreciation for the complexity of scientific disciplines and an understanding of how they function together and separately. Finally we have a commitment to the collective success of the department through collaboration.

SCHOOL POLICIES & PROCEDURES – *All policies/procedures will be followed from the DVHS Student Handbook*
All school rules, policies, procedures, and disciplinary actions will be followed.

Please see the student handbook for further information.

Staff Communication Policy: Email is the best way to reach me

As a guideline, any communication to staff, via email or telephone, should receive a response within 48 hours (excluding weekends and holidays). If there is no response within 48 hours, please email or call again stating this is the second attempt. The 48-hour guideline may be affected by illness, conferences, or technology problems.

Line of Communication:

Any questions or concerns regarding student progress in a class should be addressed through the following process:

1. Student communicating with teacher
2. Parent communicating with teacher
3. Parent/Student communicating with counselor
4. Parent/Student communicating with Assistant Principal

5. Parent/Student communicating with Principal

Textbooks:

Students are loaned a textbook based on the specific subject. The student and the parents are held financially liable for lost, stolen, damaged or destroyed textbooks. Students are charged the full replacement cost for items lost or damaged, since the school must pay the full replacement cost. All outstanding bills must be cleared before yearbooks, schedules, report cards or textbooks are issued to a student.

Possession of Electronic Devices, MP3 Players, Cell Phones, Laser Pens at School:

Possession of electronic devices, including but not limited to cell phones, by a student at school is a privilege, which may be forfeited by any student who does not follow the pertinent school rules, district rules, and/or Electronic Device Policy below. Electronic devices (cell phones, IPODS, MP3'S, video players, PSP's, games, etc) may only be used before and after school and during lunch and brunch. **Electronic devices are to be in the off mode and are not to be used, heard, or visible during class, passing periods, in the library, or computer labs.** Students may not use electronic devices if they leave the classroom to use the restroom, go to counseling, etc. **Use of cell phones is prohibited in the locker rooms and bathrooms at all times. Any cell phone violation during the school day will be subject to call or text/voice message search by administration. The district/school shall not be responsible for the loss of or damage to a cellular phone, iPOD, or electronic device brought on campus.** Consequences:

First Offense: Device confiscated until the end of the day. Parent called, **Detention** assigned.

Second Offense: Device confiscated, parent will be called. Device returned when contact has been made with parent. **Monday School** assigned.

Third Offense: Device confiscated, parent contacted and **Suspension** assigned. Further consequences may result in suspension. Student loses ability to have device on campus for the remainder of the semester.

Dougherty Valley High School Grading Policy

<u>Grade</u>	<u>Percent</u>
A	= 93.51% - 100%
A-	= 89.51% - 93.5%
B+	= 87.51% - 89.5%
B	= 83.51% - 87.5%
B-	= 79.51% - 83.5%
C+	= 77.51% - 79.5%
C	= 73.51% - 77.5%
C-	= 69.51% - 73.5%
D+	= 67.51% - 69.5%
D	= 63.51% - 67.5%
D-	= 59.51% - 63.5%
F	= Below 59.5%

The DVHS grading scale for progress reports and quarter grades includes - and +. Three to four benchmark assessments will be given during the semester, and workshops will follow.

Please note that +/- grades do not have any effect on GPA's. Final semester grades, which colleges look at, will not show +/- grades. Only A, B, C, D, and F will appear for final semester grades.

Dougherty Valley High School Expected School-wide Learning Results

At Dougherty Valley High School, we believe students will:

- Be able to communicate effectively
- Think critically and support ideas through problem solving
- Stand for integrity, honesty and ethical treatment of all people
- Be partners in the learning process and take responsibility for themselves and their learning

DVHS EXPECTATIONS

All Students will...

1. Accept responsibility for your education, decisions, words, and actions.
2. Act in a way that best represents your school, parents, community and self to promote a safe, healthy environment in which to learn.
3. Be active in the school and community.
4. Maintain balance between academics, co-curricular activities and personal life.
5. Support your fellow students and their activities.
6. Respect cultural diversity, individuality, and the choices and rights of others.

This syllabus is subject to change at teachers' discretion.

Please tear off and return to Mrs. Farmer by Wednesday of the first week of class.

Dear Parents: Please send me a brief e-mail with YOUR STUDENTS NAME and PERIOD IN THE SUBJECT LINE to mrsfarmerschemistryclass@gmail.com about yourself (such as your occupations, contact info, etc.) and include information about your student (such as learning strengths and weaknesses, hobbies, etc.) that could assist me in helping them work toward success in Chemistry this semester. Thank you.

Both signatures (the student and his/her parent/guardian) below indicate that you and your parents/guardians have read the Chemistry class rules, procedures, and lab safety guidelines. Your signatures indicate that you and your parents/guardians will respect and obey them.

Student Name: (Print)	Student Signature:	Date: ___ / ___ / <u>2009</u>
Parent / Guardian Contact Name:	Parent / Guardian Signature:	Date: ___ / ___ / <u>2009</u>
Parent / Guardian Phone and Email: (____) _____ - _____ Parent / Guardian Cell: (____) _____ - _____ _____ _____ @ _____ _____ @ _____		Class: Chemistry Class Period: _____