

# Deep Run Chemistry

## Mrs. Krug's Honors Chemistry Syllabus

**Teacher:** Jennifer Krug    Room 225    (804) 364-8000    [jakrug@henrico.k12.va.us](mailto:jakrug@henrico.k12.va.us)

**Materials:** 2 Pocket Folder – to hold handouts; one for each quarter or store extra pages at home  
Graphing Notebook – for labs and activities; composition or spiral; at least 100 pages  
Colored Pens and/or Pencils – I recommend Pilot FriXion Clicker Retractable Erasable Gel Pens  
Dry Erase Markers – we will be using the White Boards almost every class  
Scientific calculator – for use at home; the classroom is supplied with Casio graphing calculators.

**Gifts Appreciated (But Not Required)**- Dry Erase Markers, Glue Sticks, Kleenex, Purell, and Paper Towels.  
Gift cards for supplies: Walmart, Target, Staples, Amazon, Kroger.

**Textbook:** Textbooks may be used for reference but are not required. A Hardcopy of the *Prentice Hall Chemistry* textbook is available upon request, and a link to the online textbook called 2006 edition of *Holt Chemistry* (by Myers R. Thomas, Keith B. Oldham and Salvatore Tocci) will be provided in Schoology.

<b>Grading:</b>	Tests/ Projects	40%	(at least 3 per quarter)
	Quizzes	20%	(3 or more per quarter)
	Labs	20%	(3 or more per quarter)
	Homework/Classwork	20%	(assigned daily)

**Make-Up Work:** According to school policy, for each day missed from class, a student is allowed **that number of days +1** to make up homework and classwork assignments. Tests and Quizzes must be completed during One Lunch within **one week** of returning to school.

**Classwork/Homework:** Practice problems and answer keys will be provided in Schoology. Sometimes assignments will be graded on completion, and other times they will be graded on accuracy. Late work will be accepted for **50% credit** for up to two days after the due date. **No credit** will be given for homework turned in more than two days late.

**Lab Activities:** Students will participate in several lab activities per unit. Not all labs will be graded. Graded labs will be marked down **10 points** for each day late. Students, who are absent on the day of a lab may copy the data portion of the lab from a classmate. Post lab questions should be submitted within **one week** of returning to class.

**Quizzes:** One or more quizzes will be assigned per unit to assess student's knowledge and understanding of the content material. Students may correct their quiz mistakes for partial credit. Quiz corrections must be completed during One Lunch within **one week** of receiving the initial grade.

**Tests/ Projects:** Tests will be given at the end of each unit. Students will not be allowed to do test corrections for partial credit; therefore, it is imperative for students to study and seek assistance prior to the test date. Test questions will require students to apply their knowledge and skills learned during class to new situations, so it is also important for students to take good notes and copy notes when they miss class.

**IRP:** Honors students are expected complete an **Independent Research Project**. The IRP folder in Schoology includes a List of Approved Topics, Guidelines for Writing, Due Date Timeline, and Dropboxes for this assignment. Students are expected to **work alone** (not with partners) and to choose **unique topics** (different than their peers). The initial background research, first draft, and second draft will be graded as separate components of the paper and will count as **Quiz Grades**. The final completed project will count as **2 Test Grades** during the fourth quarter.

**Modeling Instruction:** Scientific research has proven that students only retain 10% of information from a lecture. Therefore, I will be introducing the Modeling Instruction method. Modeling encourages students to observe what they see, make a hypothesis, search for evidence to support the hypothesis, test their arguments, make conclusions, and consider how all scientific principles relate to each other. This means more hands-on activities, dialogue, and collaboration. If students prefer old school style, I will continue to post all my PowerPoints to Schoology.

**Seating Assignments:** Collaboration is a major part of the Modeling Instruction method. As such students will be working with different groups and partners every few days. Students are encouraged to be tolerant of each other's strengths and weaknesses. If your student has a conflict with a classmate, it is important to let me know ahead of class.

**SOL vs Final Exam:** Due to the VDOE changing the SOL requirements, not all students will take the chemistry SOL. Counselors will meet with students in the spring to inform them of which SOLs are necessary. During SOL week, students will do oral presentations regarding their IRP projects. Students, who are absent for testing, can do their presentations on a different day, and do not need to make up any work. We may also do some "fun labs" on these days, but those will not be graded.

**Office Hours:** Tuesdays, Thursdays, and Fridays during One Lunch

**Honor Code:** Students are on their honor not to copy or cheat on any assignment. This includes all classwork, homework checks, post lab questions, quizzes, tests, and other assignments as stated by the teacher. Signing below implies that the student agrees to follow this honor policy for the **entire year**. If the honor code is broken, the student will receive a permanent **zero** for that assignment. Administration and parents will be notified. Appropriate consequences will be determined by the administration.

**Please sign below to indicate that you have read and understood the expectations for this course.**

\_\_\_\_\_ Student Signature

\_\_\_\_\_ Date

\_\_\_\_\_ Parent Signature

\_\_\_\_\_ Date