

Honors Chemistry Syllabus 2019/ 2020

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Supplies

For class, to be brought EVERY DAY:

- 1) 3 Ring Binder: Your notes and homework will be kept in order by date in your binder. You may either have a separate 3 ring binder for this class only, or if you prefer, you may have a larger, several subject binder. I would suggest that you get the type of binder with an outside see through vinyl pocket which allows you to insert and have easy, constant access to your periodic table.
- 2) Scientific calculator: Whichever one you are using in your math class is fine as long as it has log, natural log, and exponential functions. The functions that we will be using in class are the same on both the smaller TI 30XIIS (around \$10.00 at local stores) or the TI-84 graphing calculator (around \$110 at local stores). Either one is fine.
- 3) Writing utensil such as a pencil or a pen with **DARK blue** or **black** ink only. Work submitted in any color other than stated above will not be accepted.
- 4) \$10.00 lab fee. Please make checks payable to GBHS. Please print student's name in the memo section of check. You may also pay on-line with, "My School Bucks."

Assignments

- 1) All papers turned in should have your name, period number, and date in the upper **right** hand corner.
- 2) All work should be neat, legible, and written in an organized manner. I do not play, "guess the exponent." All work must be submitted with work and answers in order to obtain credit. Units should always be used both in your work and your answer. If I cannot read and easily follow your thought processes, it will not be counted as correct.
- 3) Homework will be assigned nearly every day
- 4) Assignments are due at the beginning of each class. Late assignments, except for those due to excused absences, will be accepted for half credit.
- 5) Check my website (<http://skinnerchem.weebly.com/>).
 - a) Look for Honors Chemistry which can be found at the very top of the page. Click "Honors Chemistry" and, if you are on your cell phone, scroll down until you see, "Join Now." Click it. You have just joined my Remind group which will prove to be very helpful to you throughout the year.
 - b) Now, go back up to the top of the web page, hover over Honors Chemistry. You should see another choice labeled, "Honors Chemistry Homework." Click it. As you scroll down the page, you will see a calendar which will keep you apprised of the topics and assignments we will be covering that week. Sometimes an attachment (such as answer key!) will be included on the calendar.

Absences

- 1) If you are absent, it is your responsibility to copy the notes from your classroom buddy.
- 2) Late work due to absence should have the word “Absent” with the date of absence(s) written across the top so that you will get credit for the work. Failure to make up work in the allotted time will result in a zero.
- 3) It is your responsibility to keep up with your grades. You may easily do this by checking grade line.

Classroom Procedures

- 1) Be in your seat and prepared for class when the bell rings. This means you should have your own pen or pencil, calculator, periodic table, and notebook ready. I will not waste valuable time in class handing out these materials. When the bell rings, it signals the end of your social time and the beginning of mine.

Classroom rules

- 1) BE KIND to your fellow classmates. Not everyone “gets it” at lightning speed.
- 2) **NO** cell phones may be used during class. This is fair warning.
- 3) No food or drink in the classroom. You may have a water bottle but it must be under your desk with a tightly secured lid.
- 4) Observe the rules of conduct in your student handbook.
- 5) Before school lab/room cleaning detentions may be given out for minor infractions or misbehavior.

Grading Policy:

Tests	50%
Hw/Labs	30%
Quizzes	20%

Honors Chemistry: Course Sequence

Week #	Chapter #	Topic
1		Safety and Equipment
2 – 3	2	Scientific Measurements/Dimensional Analysis
4 – 5	1	Matter and Specific Heat
6 – 7	4	Quantum Model of the Atom
8 - 9	5 & 21	The Periodic Law/Nuclear Chemistry

1st 9 Weeks

2nd 9 Weeks

Week #	Chapter #	Topic
1 - 2	6	Intra & Intermolecular Bonding
3 - 4	7	Chemical Formulas & Moles
5 – 6	8	Chemical Reactions
7 – 8	9	Stoichiometry
9	1 - 8	Review for Final

3rd 9 Weeks

Week #	Chapter #	Topic
1 – 2	11	Gas Laws
3 – 4	12	Solutions
5 - 6	13	Colligative Properties
7 – 8	16, 17	Thermodynamics
9	18	Begin Equilibrium and K _{sp}

4th 9 Weeks

Week #	Chapter #	Topic
1 - 2	18	Finish Equilibrium and K _{sp}
3 – 4	14, 15	Acids and Bases
5 – 6	19, 20	Redox Reactions/Electrochemistry
7	22	Organic Chemistry
8	11 – 22	Review for Final

