

Chemistry Ch 2 STUDY GUIDE

1. EACH day: At the end of class start a new page in your notebook and write the date of the next day's class, so you know where you will begin each new day's class notes. Also, NOTE where in the text book we have ended for this class period and do not get behind in your READING - 4 pages beyond this point so you are ready for the next day's class presentation and discussion.
 2. Take notes on what you don't understand - List your questions in writing in your notebook. Ask them THE NEXT DAY in class!
 3. **LEARN all vocabulary** in every chapter that is unfamiliar to you **as you read**. I will cover most of the vocabulary in class but you are responsible for all new terms in a chapter. ASK questions in class if you don't understand something.
 4. **NB work. Do the Section review questions at the end of each section in a chapter AS WE FINISH THAT SECTION, OR BEFORE IF YOU LIKE.** These will be completion points when I collect them once or twice a quarter. Also do the End of Chapter Review questions listed below for NB homework. They will also be included with your Section Review questions when collected for completion points. * Keep your NB work for each chapter **separate from your class notes** – you will be required to tear these out (or use loose leaf) and turn them into me at the end of each chapter and will receive points for work **NEATLY done** and all of the assignment **finished correctly**.
 5. Put your complete assignment heading on the FIRST page of stapled NB work when I collect it, AND just your full name on each additional page you staple together for NB work. 2 pts is awarded for each assignment collected and lab collected IF and only IF your heading is correct and complete.
 6. **HI HOMEWORK: HAND IN (HI)** is from the **end of each chapter in the Reviewing Concepts Problems sections**. These problems will be graded for each correct problem worked, keep all units and significant figures in the problem correctly. BE CERTAIN TO CHECK YOUR HEADING FORMAT before you turn in every assignment and lab
 7. Extra Credit work must always be done alone, not with a friend or partner, with the same heading as an assignment, or no extra credit will be awarded.
 8. See the board at the front of the room for DUE DATES on all assignments. If you miss class, come immediately upon your return to see what you have missed and what the DUE DATES you must follow.
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Quizzes will be given periodically to test your mastery and understanding of the material we have covered.

A. Memorize the tables pages 34, 35, 36: table 1 the first 5 rows, table 2 the rows from tera=T thru pico=p (case counts), table 3 the first 5 rows note the basic unit given for molar mass, but molar mass on the periodic table lists g/mole NOT kg/mole.

B. The extra credit lab on page 39 Density of Pennies may be done by each of you individually on your own! See the board for the due date.

C. See the hand out on lab write-ups to see the heading, format and parts of a lab (Purpose-Procedure-Data-Analysis-Conclusion) to be sure to include these when you type up your lab and turn it in.

D. * Keep your NB work for each chapter **separate from your class notes – you will be required to tear these out and turn them into me at the end of each chapter (or use loose leaf) and will receive completion points for work **NEATLY done** and all of the assignment **finished correctly** with heading.**

E. *LABEL each Section Review in Capital Letters and LABEL the Reviewing Concepts at the end of each chapter in Capital Letters as well.

Next page more instructions and Homework

HOMEWORK

* NB: Study the Chapter Summary statements Section Reviews as always. And, Reviewing Concepts at the end of the chapter Page 59-61: #s 8, 11, 12, 15, 16, 17, 19, 21, 22, 23, 24, 25

* Hand In: Pages 60-61 Practice Problems (ON ALL ASSIGNMENTS - Always show all of your work)

Assignment #1: 29, 30, 31, 35, 36, 38, 39, 40

Assignment #2: 41 thru 46 Extra credit due with this assignment ANY 2 of 47-51

- Before EACH Chapter test do the Standardized Test Prep at the end of each chapter to prepare yourself.

SKILLS PRACTICE EXPERIMENTS: Read pages iv – xiv in your Experiment Manual.

Experiment PP 1-20: Laboratory Procedures – AFTER I go over it in class TYPE this up BEFORE you come in to do this lab (see due date for pre-lab write-up!) READ Part 2, but **SKIP PART 2 Write Up - Glass manipulation** and so you may skip questions #s 6, 9, BUT be certain to answer the General conclusions on pages 18-20 of your lab (you may SKIP the question on Labeling on the bottom of page 18).

Experiment PP 21-27: Accuracy and Precision in Measurement. Take good class notes I will give you in class about the changes you will make to this lab when you write up the Pre-lab!! (SEE board for dates to do this)

TEST CHAPTER 2 SEE Board for DATE