

Chemistry Ch 3 STUDY GUIDE 3 Sections

Building Blocks of Matter: Intro to the structure of the Atom and Avogadro's Number and Atom Calculations moles ↔ grams

Note the Instructions points 1 – 8 from your Chapters 1 and 2 Study Guides still apply. Reread these as necessary. Look at your previous study guides as a refresher as to how to do your NoteBook homework that I will collect and grade for completion. Review your headings!

1. Secs. 3.1 and 3.2: Learn the 5 parts of Dalton's Atomic Theory, the Pudding Model of the Atom, the Rutherford experiment (draw and explain the experiment: what observations were made and conclusions drawn from these observations.)

2. Secs. 3.3: Measuring and counting atoms and isotopes. Atomic mass and Avogadro's Number Molar Mass and Mole Gram Calculations! **THIS IS A VERY IMPORTANT PART OF THE CLASS GET THIS DOWN PAT AND WORK HARD TO DO THE PRACTICE PROBLEMS. MASTERY NOW WILL REALLY HELP YOU LATER IN THE COURSE ALL YEAR.**

Quizzes will be given to test your mastery and understanding of the vocabulary as you read and the CHAPTER MATERIAL Work section by section and you'll do just fine.

HOMEWORK

***NB: Section Reviews as always. Chapter Review pp 89-93: #s (1, 2,) (4, 5, 6,) (7, 8, 9,11, 14, 15,) and Study the Chapter Highlights statements**

***Hand In: Pages 87-89 Practice Problems (ON ALL ASSIGNMENTS - Always show all of your work)**
Assignment #1: 17, 18, 21, 22, 23
Assignment #2: 24, 25, 28-30

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

Experiment PP 34-39: Evidence For Chemical Change - USE a Table format in your DATA (I will hand this out to you this time) Type this up ahead of time like all Pre-lab writ-ups.

TEST CHAPTER 3 SEE Board for DATE

Take a SELF survey!

How am I doing so far in chemistry?

Am I keeping up, or have I fallen Behind?

Do I need to set up some tutoring sessions?

Do I need to go in and speak with Mr .Petschl to get some helpful hints about studying chemistry?

My goals for the rest of the quarter are...?