

## CP Chemistry Homework Instructions

- ❖ Each lesson will have a homework assignment assigned with it. Homework assignments include reading and outlining a section in the chemistry textbook and completing a number of assessment questions that go along with the material discussed in class and in the textbook.
- ❖ Reading and outlining the textbook is designed to help build important study skills as you prepare for college. In your college classes, there may be times where your professor will lecture on one topic and will have you read and learn about a different topic in your textbook. You will need to know how to effectively read and learn from textbooks.
- ❖ Each section outline should be completed in the **Cornell Note Style**. Draw a vertical line on your paper about 1/3 of the way from the left-hand side to make two columns. As you read the section in the textbook, think of thought-provoking questions that apply to the information you are reading. Write the question in the left-hand column and any information that answers the question in the right-hand column. See below for an example.
- ❖ The section outline along with the assessment questions should be completed in your notebook on the assigned homework page. You may be able to complete it on one page of your notebook. However, if you require more than one page to complete the homework (which you will most of the time), then you should number your additional homework pages with “a, b, c, etc...”. For example, if homework is assigned on page 4 of your notebook and you need 3 pages to complete it, you should number the first page “4”, the second page “4a”, and the third page “4b.”
- ❖ When reading and outlining the sections for homework, please keep these tips in mind:
  - **Summarize** and keep it brief. Don't write everything down!
  - Each paragraph typically starts with a topic sentence that includes important information of which the rest of the paragraph is about. Keep this in mind when outlining.
  - Avoid writing down specific examples unless they really clarify the topic for you.
  - Don't write down the random facts given, they won't be tested on.
  - Don't just write down and define the bold words, most of these have been defined in the class notes for you.
  - Look for and write down information NOT gone over in class.
- ❖ Finally, be sure that your homework page is **clearly** sectioned off between the section outline and the assessment questions.
- ❖ Each homework assignment will be stamped the next class period. Your notebook will be collected on test days and your homework stamps will be worth 4 points. If you did not complete the homework assignment on time for a stamp, but finished it later before the notebook collection, your homework assignments will be given a score of 2 points.

- ❖ Below is an example of what your homework page should look like. It also shows you how to briefly outline a textbook section:

<u>Homework:</u>	<b>Section 1.2</b>
• What is Chemistry?	• The study of matter & the changes that it undergoes
• What is matter?	• anything that has mass & takes up space
• What is mass?	• a measurement that reflects the amount of matter - ex: textbook, air - ex. that are NOT matter: thoughts & ideas
• What is the difference between mass and weight?	• Weight is a measure not only of the amount of matter but also of the effect of Earth's gravitational pull on matter - gravitational force is NOT the same everywhere • Scientists need to compare measurements they make in different parts of the world, so they use <u>mass</u> because it is independent of gravity
• Why study matter on a submicroscopic level?	• atoms, which matter is made of, are submicroscopic • chemistry seeks to explain the submicroscopic events that lead to macroscopic observations
<u>Assessment Q's</u>	① anything that has mass & takes up space ② weight is a measurement of mass + gravity ③ Chemistry studies atoms & molecules & their interactions. Atoms & molecules are submicroscopic.