

# Chemistry CP

Name:

Unit 1 Assignment Sheet

Section:

| Assignment  | Due Date       |
|---|----------------|
| 1. ♦ Complete "Getting to Know You" handout   | Thursday, 9/1  |
| 2. ♦ Read course syllabus and complete the questions on the handout<br>3. Buy supplies for class<br>4. Pair tutoring sheet (1 column) | Tuesday, 9/6   |
| 5. ♦ Sign and return safety contract/syllabus pages<br>6. Pair tutoring sheet (1 column)  | Wednesday, 9/7 |
| 7. ♦ Complete pp. 17-18 #2,5,10, 11,12, 15 in textbook<br>8. Pair tutoring sheet (1 column)   | Thursday, 9/8  |
| 9. Study for quiz #1<br>10. Hand write out 4x6 summary sheet  | Friday, 9/9    |
| 11. ♦ Finish questions from classification of matter activity   | Monday, 9/10   |

## Dates to Remember:

Quiz #1, Friday, 9/9

♦ may be checked or collected in class

## Some Useful Websites

<http://www.sciencegeek.net/Chemistry/taters/labequipment.htm> Lab apparatus review

<http://www.bozemanscience.com/scientific-method/>

<http://www.sciencealert.com/watch-theory-vs-hypothesis-vs-law-explained>

## After studying chapter 1, you should be able to:

- Identify common laboratory equipment.
- State and follow laboratory safety rules.
- Distinguish between qualitative and quantitative observations.
- Describe the scientific method, and compare the terms law, theory, and hypothesis.
- Define chemistry and discuss how chemistry is important in everyday life.

Pair Tutoring Sheet

**Directions:**

1. Review the terms and definitions for five minutes.
2. Ask someone to quiz you by giving the definition for each item. You will say the term that matches that definition.
3. If your response is correct, put a check in the box next to that term. If your answer is incorrect, put a minus in the box, and the person quizzing you should explain why the answer is incorrect.
4. Repeat steps 1-3 with a new partner. This time, have your partner give you the word, and you give the definition. Repeat this process until three checks in a row are completed for each item.
5. Have each partner sign his or her name, with a compliment.

| Terms                    | Responses |  |  |  | Definitions  |
|--------------------------|-----------|--|--|--|--|
| Hypothesis               |           |  |  |  | A possible explanation for an observation  |
| Law                      |           |  |  |  | A summary of observed behavior; a description of what happens  |
| Theory                   |           |  |  |  | Gives an overall explanation of some part of nature; may change as more information becomes available  |
| Quantitative observation |           |  |  |  | Observations that involve a number   |
| Qualitative observation  |           |  |  |  | Observations that do not involve a number  |
| Chemistry                |           |  |  |  | The science that deals with the materials of the universe and the changes that these materials undergo |

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_

Partner: \_\_\_\_\_ Compliment: \_\_\_\_\_