

## LEARNING GOALS

This Week ...

**M:** W-Up, Syllabus, Class Website Demo, Activity: Safety

HW: Complete Safety Quiz

Complete Personal Information Sheet

**T:** W-Up, Discussion: Working in Groups,

Lab: Using Bunsen Burners

HW: Complete Lab

**W:** W-Up, Activity: Atoms and States of Matter

HW: Review for Quiz Friday

Visit www.Breslyn.org

**R:** Lab: Elements - Metals, & Non-Metals

HW: Study for Quiz, Complete Lab (due Friday)

**F:** W-Up, Review Lab, Quiz(Atom/Matter),

Activity: Draw a Scientist and Reflection

**Key Content**

Chapter 1: p 7-10

Chapter 2: p39-42, 48, 49, 51 [caution: picture of big spider on p 43]

Chapter 3: p 89, 90

**Note:** If you are absent be sure to use your notes and the class website to see what you have missed. It is your responsibility to get the makeup work. Visit

**www.breslyn.org**

*"If, in some cataclysm, all of scientific knowledge were to be destroyed, and only one sentence passes on to the next generations of creatures, what statement would contain the most information in the fewest words? I believe it is the atomic hypothesis that **all things are made of atoms** – little particles that move around in perpetual motion, attaching each other when they are a little distance apart, but repelling each other when they are squeezed together."*

The Feynman Lectures in Physics, Volume I, (pp. 1-2)

**You will be able to:**

**M:** - Identify and apply safety concepts in the lab environment.

- Understand the expectations for success in Honors Chemistry.

**T:** - Safely light and adjust a Bunsen burner.

- Explain how to use evidence to support a conclusion.

**W:** - Provide a detailed description of the different states of matter.

- Recite the first 9 elements.

**R:** - Classify elements as metals or nonmetals based on their physical properties.

- Support conclusions with evidence from laboratory experiments.

**F:** - Describe characteristics of metals and nonmetals.

- Discuss how scientists are perceived by society.

**Warm-Ups Go Here!**

Continue on Back ...

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