**Study Guide for Unit 1 TEST**

**Chapters 1-3 and 19.1**

**Daigneault Chemistry**

1. Organize your materials
   1. Your reading journal notes from 2.1-2.3, 3.1-3.5 and 19.1
   2. Your class notes
   3. Lava Lamp Activity
   4. Classification of Matter Activity
   5. Chemical Formulas Worksheet
   6. Isotope worksheet and chart
   7. Breaking the Code Activity
   8. Valence Electrons, Core Electrons and Ions Worksheet
   9. Nuclear Chemistry and Half Life worksheet
   10. Chapter Assessment Questions
   11. Review Activity Materials
   12. Candle Lab, pre lab, observations and post lab
2. Read over all materials listed above.
3. Reread the Chapters – **Make your own Study Guide** in your reading journal.
   1. Use the textbook chapter review pages at the end of each chapter (pg. 18, 44, 84). Pay close attention to the objectives and vocabulary for each section. Your study guide should be 2-3 pages long.
4. Mark areas that you need to review in your study guide.
5. GO BACK and study each of the sections you need to review (from #4) paying close attention to the example boxes, and graphics in each section of the textbook. On the left side of your reading journal do some of the practice problems found in the yellow boxes in the textbook, the answers are at the back of your textbook. Add notes to your reading journal if you need to.
6. Memorize all required content.
   1. Groups on the periodic table figure 3.8
   2. Classification of elements figure 3.9
   3. Common ionic charges section 3.5
   4. Nuclear decay process table 19.1
7. Other study techniques to try:
   1. Retake the ChemThink tutorials and quizzes.
   2. Look at the videos and clips we watched in class from the web site.
   3. Take the online chapter quizzes from the textbook site.
   4. Listen to the online chapter summaries from the textbook website.
   5. Do some additional practice problems from the back of the chapter. The blue examples have answers in the back of your book.
8. Review your study guide and reading journal, get some sleep and a good breakfast!