Test #2 will be administered on Thursday, October 9, at normal class time. Topical areas include:

- Formula writing and nomenclature – you will be expected to know the following polyatomic ions by then: hydroxide, sulfate, phosphate, ammonium, nitrate, chlorate, carbonate, and sulfite. (Sections 2.7 and 2.8)
- Balance chemical equations (Sections 3.1)
- Work gram-mole-atom types of conversions (Sections 3.3-3.4)
- Determine empirical formulas and molecular formulas from composition information (Section 3.5)
- Use a balanced chemical equation to determine information about yields of product, amount of reactant used, etc. (Section 3.6)
- Work limiting reactant problems (Section 3.7)

I will include at least one question from the Mastering Chemistry assignments covering this material.