## SCH3U: Lab Portfolio Table of Contents 2010 - 2011

Laboratory
Types of Reactions Lab
2. Chalk Lab
3. Water Lab
4. Candy Lab
5. The Thickness of a Thin Aluminum Sheet
6. Magnesium Oxide- Percentage Composition
7. Planning Lab: Formula of a Hydrate
8. Application of Uncertainty and Significant Digits to Determine the Density of a
Metal Cube
9. Empirical Formula of Magnesium Chloride
10. Determination of the Formula of a Hydrate
11. Lab Quiz: Mass Relationship in a Chemical Reaction: Al + CuCl2
12. Mole Relationship in a Chemical Reaction
13. Planning Lab: Design an Air Bag
14. To Determine the Molar Volume of a Gas: Data Analysis
15. The Effect of Temperature on the Volume of a Gas: Data Analysis
16. To Determine the Solubility of Salt in Water at Room Temperature
17. How Much Fizz Does an Alka Seltzer Tablet Produce?
18. Making Solutions and Dilution of Solutions
19. Double Displacement Reactions: Net-Ionic Equations
20. Stoichiometry of a Solution Reaction: Precipitation of PbI2