

3U: Lab Portfolio: Table of Contents

Lab #	Date of Lab	Title	Unit
1	09/18/07	Recognizing Chemical Reactions	Quantitative Chemistry
2	09/28/07	Uncertainty in Measurements	Quantitative Chemistry
3	10/04/07	Density of a Metal Cube	Quantitative Chemistry
4	10/18/07	The Water Lab - H ₂ O	Moles
5	10/18/07	The Chalk Lab - CaCO ₃	Moles
6	10/18/07	The Candy Lab - C ₆ H ₁₂ O ₆	Moles
7	10/30/07	Percentage Composition of Magnesium Oxide	Moles
8	11/23/07	Volume/Temperature Graph: Dry Lab	Gas
9	12/05/07	Design an Air Bag	Gas
10	01/09/08	Alka – Seltzer Lab	Gas
11	01/16/08	Solubility Graph	Solutions
12	01/16/08	Mass Relationships in a Chemical Reaction	Solutions
13		Solubility of Salt in H ₂ O at Room Temperature	Solutions
14	xx/xx/08	Magnesium and Hydrochloric Acid: Stoichiometry: Volume of Gas at SATP	Gas
15	02/07/08	Estimating Concentration of an Unknown Solution using a Spectroscope	Solutions
16	02/21/08	Dry Lab: Strong and Weak Acid – Base using Computer	Acid - Base
17	March	Making Solutions and Dilution of Solution using Pipette and Volumetric Flask	Solutions
18	03/04/08	Double Displacement Reactions: Precipitation	Acid - Base
19		Stoichiometry of a reaction: Pb(NO ₃) ₂ + KI	
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