

# Lab Portfolio

4U\_May 07-08

Lab #	Date	Title of Investigation	Course Unit
1		Exo-Endo Reactions	Thermochemistry DC+DP
2	Oct 10th	Burning off kJ's	DC+DP
3	Oct 15th	Mg+HCl: Hess's Law	Lab Quiz
4	Oct 27th	Enthalpy of a Reaction: $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$	Lab Quiz
5		Dissolving Ionic Compounds: LE & HE	Full Write Up
6		Mg+HCl: Factors that Affect the Rate of a Reaction	Rates of Reaction
7		Simulation of Equilibrium: Water & Cheerios	
8		Observing Le Chateliers_Lab	
9		Lab Activity: Kc (HI)	
10		Precipitation Reactions: K <sub>sp</sub> /Net Ionic Equations	Lab/Quiz
11		K <sub>sp</sub> of a salt: KCl, K <sub>2</sub> SO <sub>4</sub>	
12		Hydrolysis of a Salt	Acid-Base
13		Standardisation of NaOH using KHP	
14		Lab Activity: Titration Curve for a Strong Acid-Strong Base	
15		Balancing using Oxidation Numbers: MnO <sub>4</sub> <sup>-</sup>	Redox
16			
17			