

## Table of Contents: SCH 4U Lab Portfolio

SCH4U\_08 - 09

Lab #	Date	Lab Title	Unit	Criteria Assessed
1		How Much?	Moles_Stoichilmetry	Planning
2		Exo/Endothermic	Thermodynamics	
3		Mg + HCl: $\Delta H$	Thermodynamics	
4		Zn + Cu <sup>2+</sup> : $\Delta H$	Thermodynamics	
5		Hess's Law	Thermodynamics	
6		C <sub>2</sub> O <sub>4</sub> + MnO <sub>4</sub>	Chemical Kinetics	
7		ICT: Maxwell- Boltzmann	Chemical Kinetics	
8		Clock Reaction	Chemical Kinetics	
9		Order of a Reaction	Chemical Kinetics	
10		Heat You Can Eat	Thermodynamics	
11		$\Delta H_c$ Alcohols	Thermodynamics	
12		Equilibrium Simulation (Cheerios/H <sub>2</sub> O)	Equilibrium	
13		Lab Activity: $K_c$ :  NO <sub>2</sub> + N <sub>2</sub> O <sub>4</sub>	Equilibrium	
14		A Case Study of Haber Process: ICT	Equilibrium	
15		Le Chatelier's Principle	Equilibrium	
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