Chemistry Study Guide

**Chapter One:**

* Synthetic
	+ Fibers
	+ Polymers
* Pesticides (herbicides/insecticides)
* Soap
* Alloys
* HHPS
* Baking Bread
* pH Scale
* WHMIS

**Chapter Two:**

* Chemical Reaction
* Ripening of Bananas
* Bleach
* Clean Pool
* Evidence of Chemical Reaction
* Energy Changes
	+ Exothermic
	+ Endothermic

**Chapter Three:**

* Word Equations
* Types of Reactions:
	+ Composition
	+ Decomposition
	+ Neutralization
	+ Combustion
* Chemical Name
* Chemical Formula
* Common Name
* Law of Conservation of Mass
* Balancing Equations

**Chapter Four**

* Complete/Incomplete Combustion
* Fossil fuels
* Greenhouse gases
* Global warming
* Climate change
* Pollutants: SO2 and NO2
	+ Natural vs. Human contributions
	+ Acid precipitation
	+ Acid deposition
* Acid/Base Reactions:
	+ Neutralization in stomach
	+ Liming
* Sulfur Scrubber
* Corrosion
* Rusting
* Solving Corrosion
	+ Painting
	+ Galvanization
	+ Sacrificial Metal