

# SCH3U – Grade 11 Chemistry Review

## Introduction – Matter

This assignment is due on **September 20<sup>th</sup>, 2013**. Read the handouts that accompany each section to complete each of the following parts. You may also need to refer to grade 10 course material. As you work through this review, mini lessons and labs will be given to aid you in completing your task.

### Part A: Define the following terms (1.1)

Chemistry	Matter	Physical properties	Chemical properties
Qualitative properties	Quantitative properties	Chemical change	Physical change
Reactant	Product	STSE	

Practice: #1-4 p.10

### Part B: Significant Digits (1.2)

Read pages section 1.2 (p.17-22) then complete the questions below.

Practice: #1-3 p.18 & 22

Submit: #1-6 p.24

Due: \_\_\_\_\_

### Part C: States of Matter (1.3)

Define the following terms and include an example for each. Complete the questions below.

States of matter	Change of state	Crystalline	Amorphous
Homogenous	Heterogeneous	Solution	Phase
Solute	Solvent	Pure substance	Compound
Element	Mechanical mixture		

Practice: #4 p.26

Submit: #1-6 p.28

Due: \_\_\_\_\_

### Part D: Methods of Separation Handout

Handouts will follow

### Chapter Review

Pages 29 – 31 #1-21

Your test will be on Thursday **September 26<sup>th</sup>, 2013**.