**Chapter 5 TEST – SUMMARY OF CONCEPTS**

\*Please note this will be an open note test. NO TEXTBOOKS ALLOWED\*

There will be multiple choice, and short answer questions.

**Concepts you need to know:**

***Classification of Matter***

 Definition of matter

 Definition of mass

 Definition of volume

Pure Substances – definition and examples

 Elements

 Compounds

Mixtures – definitions and examples

 Heterogeneous mixture

 Homogeneous mixture

***Properties of Matter***

Physical Properties

 Definition

 Examples

States of Matter

 Solid

 Liquid

 Gas

Melting Point

Boiling Point

Malleability

Ductility

Solubility

Conductivity

Density

 Definition

 Formula

Chemical Properties

 Definition

 Examples

Flammability

Corrosion

Reactions with acid

***Changes in Matter***

Physical changes

 Definition

Chemical changes

 Definition

Identifying change

 Characteristics of physics change

 Characteristics of chemical change

***Kinetic Molecular Theory and Changes of State***

 Explanation

 Explain changes of state by explaining how particles behave