Science 9 – Chapter One

Vocabulary:

Astronomy Meteorology Geology Oceanography

Environmental Science Geosphere Atmosphere Hydrospere

Cryosphere Biosphere Scientific Method Hypothesis

Independent Variable Dependent Variable Control SI System

Scientific Notation Scientific Model Law Theory

Key Concepts:

* The overall scope of this class – what are we going to be covering?
  + General overview of many areas, including
    - Earth Science
    - Environmental Science
    - Chemistry
    - Meteorology
    - Geology
    - Astronomy
    - Physical Science
    - History of change on Earth
* The various systems/spheres of our Earth and what makes them different from each other.
* What is Science? How does science work? What kinds of questions does sicence deal with? What does it not deal with? What makes something a scientific idea or topic?
* Scientific Method – Scientific Investigation and the process of asking questions, experimentation, learning about the natural world and reporting that information.
* Scientific measurement
* Understanding the difference between Scientific Hypothesis, Theory and Law.
* Notebook
  + Vocab
  + Your Own Notes
  + Chapter Review – 1-25, and 33,34,39,40,41
* Chapter Test