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