Earth Science Unit 2 Study Guide

General Notes:

* Your best source of study material is the powerpoints from class.
* You test will be mostly multiple choice, with some free response.
* Below I’ve put the main topics I want you know, with general ideas about each topic highlighted.

1. General Solar System / Solar System Overview
   1. Four categories that the Solar System is broken up into
   2. General properties of the two main groups of planets
   3. How did the Solar System form?
   4. Why are outer planets bigger than inner planets?
2. Inner Planets
   1. Know relative properties between all planets, inner and outer.
   2. Basic properties of all inner planets in general
   3. Basic properties of each inner planet
   4. Significant features of each inner planet
   5. Why is Earth unique?
3. Outer planets
   1. Basic properties of all outer planets in general
   2. Basic properties of each outer planet
   3. Significant features of each outer planet
   4. Two groups we can divide the outer planets into
   5. Basic properties of Pluto and other Kuiper belt objects
4. Our Moon – Other moons in the Solar System
   1. Basic properties / features of our Moon
   2. Origin of our Moon – evidence that we have
   3. What causes the phases of the Moon
   4. What causes eclipses
   5. Basic properties of Jupiter’s four main moons
   6. Why are Jupiter’s moons the way they are?
   7. Saturn’s biggest moon.
   8. What makes Saturn’s moon like Earth?
5. Space Exploration
   1. What two main ways do we explore space?
   2. What kind of objects do we send to explore?
   3. Basic overview of America’s missions to explore space.
   4. What is the future of space exploration going to look like?

Don’t freak out about the test! If you have any questions, please email me or come and see me! I want you to succeed and do well!