Rocks, Rock Cycle, Lithosphere and Scientific Method Test Study Guide Name\_\_\_\_\_\_\_\_\_\_

**Vocabulary to Know:**

* Crust
* Mantle
* Outer core
* Inner core
* Lithosphere
* Asthenosphere
* Tectonic plates
* Convection currents
* Divergent boundary
* Convergent boundary
* Transform boundary
* Subduction
* Rock
* Igneous rock
* Metamorphic rock
* Sedimentary rock
* Cycle
* Rock cycle
* Scientific method
* Independent variable
* Dependent variable
* Controlled variables
* Hypothesis
* Qualitative observation
* Quantitative observation
* Line graph
* Bar graph

**Concepts to Know:**

* Describe each of Earth.
* Why does Earth have layers?
* What causes the tectonic plates to move?
* What geological events happen at a transform boundary?
* What geological events happen at a divergent boundary?
* What geological event(s) happen at a convergent boundary?
* What are the three types of rocks?
* Fill in the steps of the rock cycle.
* Identify the independent variable and the dependent variable from a purpose.
* Identify controlled variables.
* Write a hypothesis for a purpose in the “If the IV, then the DV” format.
* Identify qualitative observations and quantitative observations.
* Graph and analyze data from an experiment.
* Read a table to answer questions.
* Answer questions from a diagram of the rock cycle.