**Earth’s Energy Systems Guided Notes Answer Key**

**The Structure of Earth Guided Notes Answers:**

* layers, position, composition, density
* crust
* mantle
* lithosphere, asthenosphere, mesosphere
* core, outer core, inner core
* liquid, solid
* earthquake, seismic
* crust, water

**Earth’s Interior Energy Guided Notes Answers:**

* thermal energy
* crust, mantle, outer core, inner core
* Convection currents
* convection currents
* plate boundaries
* earthquake
* thermal energy

**Radiation from the Sun Guided Notes Answers:**

* radiation, absorbed, atmosphere
* sun
* Radiation
* Radiant energy
* absorbs, reflects
* greenhouse effect
* sun, sand/pavement
* greenhouse, heat

**The Water Cycle Guided Notes Answers:**

* water cycle, state
* life
* Evaporation
* Condensation
* Precipitation
* Runoff
* transpiration
* breath

**Physical Weathering of Rock Guided Notes Answers:**

* chemical
* Abrasion
* Ice wedging
* Wind
* Water
* Temperature
* Plant
* Animals
* wind
* waves

**Chemical Weathering of Rock Guided Notes Answers:**

* breakdown
* Water
* Oxidation
* Carbonic acid
* Acid rain
* marble
* factories

**The Rock Cycle Guided Notes Answers:**

* rock cycle
* sedimentary, metamorphic
* cooled magma
* Sedimentary
* pressure
* surface
* interior
* uplifting, burial
* weathering
* sediments

**Plate Tectonics and the Rock Cycle Guided Notes Answers:**

* plates, rock
* tectonic plates
* currents
* weathering
* pressure
* magma
* convection
* sedimentary, metamorphic