**Earth’s Changing Surface Guided Notes Answer Key**

**Plate Tectonics Guided Notes Answers:**

* Theory of Plate Tectonics
* Convection
* Tectonic, mantle
* convergent
* divergent
* transform
* Subduction
* convergent
* 1, 2
* San Andreas Fault
* Hawaiian Islands

**Rocks Under Pressure Guided Notes Answers:**

* stresses, pressures
* fault
* reverse (or thrust)
* normal
* transform (or strike-slip)
* Himalayan Mountains
* mid-Atlantic Ridge

**Ring of Fire Guided Notes Answers:**

* Ring of Fire
* Earthquakes, volcanoes
* Pacific
* magma
* trenches
* Mount Rainier
* Japan

**Volcanoes Change Earth’s Surface Guided Notes Answers:**

* explosive
* caldera
* hotspot
* Magma
* Lava
* Edwin Hubble
* cosmic background radiation

**Earthquakes and Tsunamis Guided Notes Answers:**

* tsunamis
* crust
* Pacific Rim
* tsunami
* erosion
* Alaska
* earthquake

**Physical Weathering Guided Notes Answers:**

* Physical weathering
* Abrasion
* Exfoliation
* Frost wedging
* Root wedging
* Burrowing

**Soil Guided Notes Answers:**

* resource
* slowly
* Physical
* Chemical
* Biological
* rock
* plants and animals
* slope
* minerals, humus, water, air
* organic
* surface
* subsoil
* substratum
* bedrock
* largest, medium, smallest
* glacial till
* loess

**Chemical Weathering Guided Notes Answers:**

* chemical
* water
* carbon dioxide
* Oxidation
* living
* limestone
* rust

**Shaping Earth’s Surface Guided Notes Answers:**

* changed
* taking
* erosion
* craters
* erosion
* flattened

**Plate Boundaries Guided Notes Answers:**

* tectonic plates
* plate boundaries
* precipitate
* mantle
* folded
* fluid
* Mediterranean
* bottom

**Mining Groundwater Guided Notes Answers:**

* Mining groundwater
* aquifer
* water
* pollution
* increased
* 30
* Ogallala Aquifer