Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

6th grade – Chapter 2, Weathering and Soil

***Quick Vocabulary***

**Lesson 1**

**chemical weathering** processes by which the materials in a rock are changed into new materials

**environment** physical, chemical, and biotic factors acting in a community

**mechanical weathering** processes by which rock is broken into smaller pieces

**oxidation** cause of chemical weathering; combines the element oxygen with other elements or molecules

**weathering** mechanical and chemical processes that change objects on Earth’s surface over time

**Lesson 2**

**biota** all the organisms living in a region

**climate** average weather of an area

**decomposition** process that changes once-living material into organic matter

**horizon** layer of soil formed from the movement of the products of weathering

**organic matter** remains of something that was once alive

**parent material** starting material—rock or sediment—that weathers and forms soil

**pore** small hole or space in soil

**sediment** rock material that has been broken down or dissolved in water

**soil** mixture of weathered rock, rock fragments, decayed organic matter, water, and air

**topography** shape and steepness of the landscape