

### **Vocabulary list #3**

- 1. igneous rock-** a type of rock that forms from the cooling of molten rock at or below the surface
- 2. sedimentary rock-** a type of rock that forms when particles from other rocks or the remains of plants and animals are pressed and cemented together.
- 3. metamorphic rock-** a type of rock that forms from an existing rock that is changed by heat, pressure, or chemical reactions.
- 4. extrusive rock-** igneous rock that forms from lava on Earth's surface.
- 5. intrusive rock-** igneous rock that forms when magma hardens beneath Earth's surface.
- 6. sediment-** small, solids pieces of material that come from rocks or organisms; earth materials deposited by erosion.
- 7. erosion-**The process by which water, ice, wind, or gravity moves weathered rock or soil.
- 8. deposition-** process in which sediment is laid down in new locations.
- 9. compaction-** the process by which sediments are pressed together under their own weight.
- 10. cementation-** the process by which dissolved minerals crystallize and glue particles of sediment together in one mass.
- 11. clastic rock-** sedimentary rock that forms when rock fragments are squeezed together under high pressure.
- 12. organic rock-** sedimentary rock that forms from remains of organisms deposited in thick layers
- 13. chemical rock-** sedimentary rock that forms when minerals crystallize from a solution.
- 14. foliated-** term used to describe metamorphic rocks that have grains arranged in parallel layers or bands.
- 15. rock cycle-** a series of processes on the surface and inside Earth that slowly changes rocks from one kind to another.