
Scientist: _____

Date: ____ - ____ - ____ HR: _____

Unit 3: Earth's Systems Vocabulary List

rock cycle	mineral	rock	erosion
melting	cooling	compaction and cementation	deposition
metamorphic	sedimentary	igneous	weathering
magma	lava	physical weathering	chemical weathering
sediment	renewable resources	non renewable resources	

erosion	Process of broken rock, sand, and soil being carried away to a new location
weathering	The breaking down of rocks and other materials on the Earth's surface
rock cycle	The continuous process of rocks changing from one type to another
igneous rock	Magma that has cooled and solidified in higher areas of the earth's crust
sedimentary rock	Grains of sand and sediments that have been pressed and cemented together
lava	Magma that flows onto the earth's surface
metamorphic rock	Intense heat and pressure cooks and squeezes these rocks
magma	Melted earth material that is beneath the earth's surface

melting	The process that requires extremely high temperatures to turn rock into magma
cooling	The process that hardens magma and turn it into igneous rock
compaction and cementation	A process that turns sediment into sedimentary rock by pressing and 'glueing' them together
deposition	The process of dropping sediment in a new place
chemical weathering	When chemicals in our environment eat away at rock and soil
physical weathering	When wind, rain, or ice break down rock and soil
mineral	A natural solid substance found in the Earth's crust
rock	A solid that is made up of more than one mineral
renewable resource	A resource that can be reused and naturally replaced.
non renewable resource	A resource that can not be reused and will not be replaced in our lifetime.
sediment	Solid, broken pieces of earth material, such as silt, sand, and gravel.