

| DAY | PA Standards | OBJECTIVE | ACTIVITY | EVALUATION |
|-----|--|--|--|--|
| M | S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and metamorphic – slate, quartzite, marble, gneiss | Summarize the factors that influence the nature of metamorphic rocks and explain why each one is important Describe the mechanisms for the formation of foliation in metamorphic rocks Classify metamorphic rocks on the basis of their texture and mineral content, and explain the origins of these differences Describe the various settings in which metamorphic rocks are formed and explain the links between plate tectonics and metamorphism Summarize the important processes of regional metamorphism, and explain how rocks that were metamorphosed at depths of 10 km or 20 km can now be found on Earth’s surface Summarize the important processes of contact metamorphism explain the key role hydrothermal fluids | Rock Cycle Stations Lab | Lab |
| T | S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and metamorphic – slate, quartzite, marble, gneiss | Summarize the factors that influence the nature of metamorphic rocks and explain why each one is important Describe the mechanisms for the formation of foliation in metamorphic rocks Classify metamorphic rocks on the basis of their texture and mineral content, and explain the origins of these differences Describe the various settings in which metamorphic rocks are formed and explain the links between plate tectonics and metamorphism Summarize the important processes of regional metamorphism, and explain how rocks that were metamorphosed at depths of 10 km or 20 km can now be found on Earth’s surface Summarize the important processes of contact metamorphism explain the key role hydrothermal fluids | Rock Cycle Stations Lab Nova Video: Rocks | Lab Video: Rocks with video sheet |
| W | S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and metamorphic – slate, quartzite, marble, gneiss | | | Unit Review in preparation for exam on Friday! |
| Th | S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and | | | Unit Review in preparation for exam on Friday! |

| | | | | |
|---|--|--|--|--|
| | metamorphic – slate, quartzite, marble, gneiss | | | |
| F | S8.D.1.1.1 Explain the rock cycle as changes in the solid earth and rock types (igneous – granite, basalt, obsidian, pumice; sedimentary – limestone, sandstone, shale, coal; and metamorphic – slate, quartzite, marble, gneiss | | | UNIT EXAM Students will also turn in notes for points |

Accommodations: Graphic Organizers, photocopied notes, special seating, extended time, groupings, reminders, on going feedback, highlighted notes,

Enrichment: projects that will enhance student learning

- Accommodations and enrichment may change based on the needs of the child and the class