**Rock Cycle**

**Benchmarks: SC.7.E.6.2 Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and subsurface events (plate tectonics and mountain building).** SC.7.E.6.6 Identify the impact humans have had on Earth such as deforestation, urbanization, desertification, erosion, air and water quality and changing the flow of water SC.912.E.6.2 Connect surface features to surface processes that are responsible for their formation.

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| **4** | I will be able to connect how different types of rocks react differently to surface and subsurface events. |
| **3** | I can **identify** the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building). |
| **2** |  I can **define**:\_\_\_Urbanization\_\_\_Deforestation\_\_\_Desertification  | \_\_\_\_ I can **explain** human’s role in effecting the movement of sediment in the rock cycle. |
|  |  I can **define**:\_\_\_ Plate Tectonics\_\_\_Mountain Building\_\_\_Melting\_\_\_Heat and Pressure\_\_\_Cementation | \_\_\_\_ I can **identify** and **relate** subsurface events to patterns in the rock cycle.\_\_\_\_ I can **explain** how deforestation and urbanization impact the land and how certain farming practices deplete nutrients in soil. |
|  | I can **define:**\_\_\_Weathering (chemical/physical)\_\_\_Erosion\_\_\_Deposition\_\_\_Cooling | \_\_\_\_ I can **identify** and **relate** surface events to patterns in the rock cycle. |
|  | I can **define:**\_\_\_Igneous Rock\_\_\_Metamorphic Rock\_\_\_Sedimentary Rock | \_\_\_\_I can **describe** the rock cycle. |
| **1** | With help, students are able to have partial success with 2.0 and/or 3.0 content. |