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| **Matrix 3:**  **Composition, Properties, and Changes of Earth**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Grade 6 Science Start Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Target Completion Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Specific Skills** | **Level of Knowledge** | **Portfolio Evidence** | Teacher Initials |
| **Expectation Code** | **GLCE**I meet the grade level expectation when I can…. | ***Information***I have heard of this | ***Knowledge*** I can tell you about it | ***Know-how***I can do it by myself | ***Wisdom***I can teach someone | I can show my knowledge through:***Documentation – A project or paper******Demonstration – Doing it******Defense – Talking to someone about it***Here’s what I did for this skill: |
| E.SE.06.41 | Compare and contrast the formation of rock types (igneous, metamorphic, and sedimentary) and demonstrate the similarities and differences using the rock cycle model. |  |  |  |  |  |  |
| E.SE.06.11 | Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments. |  |  |  |  |  |  |
| E.SE.06.12 | Explain how waves, wind, water, and glacier movement shape and reshape the land surface of the Earth by eroding rock in some areas and depositing sediments in other areas. |  |  |  |  |  |  |
| E.SE.06.13 | Describe how soil is a mixture, made up of weather-eroded rock and decomposed organic material, water, and air. |  |  |  |  |  |  |
| E.SE.06.14 | Compare and contrast different soil samples based on particle size |  |  |  |  |  |  |
| E.SE.06.61 | Describe the Earth as a magnet and compare and contrast the magnetic properties of the Earth to that of a natural or manufactured magnet. |  |  |  |  |  |  |
| E.SE.06.62 | Explain how a compass works using the magnetic field of the Earth, and how a compass is used for navigation on land and sea. |  |  |  |  |  |  |