Name: Grace &Tucker	Grading Quarter: 3	Week Beginning: Feb 17 - Feb 21, 2025
School Year: 2025	Subject: 4th grade Science Week 27	

	Notes:		Academic Standards:
Mon		**Objective:** **Lesson Overview:** No school – District Closed	
Tues		**Objective:** Plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes. Develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time. Use models to explain seismic waves and their effect on the Earth. (Earthquakes) Define problem(s) and design solution(s) to minimize the effects of natural hazards. **Lesson Overview:** 1. Notes on the parts of the Rock Cycle and the role weathering and erosion plays in the cycle 2. Begin the Rock cycle Questionnaire (chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.maricopacountyparks.net/assets/1/6/rock_cycle_questionnaire_arizona_rocks_pre_visit_activity.pdf – Guide discussion, indep answers	4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Wed		**Objective:** Plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes. Develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time. Use models to explain seismic waves and their effect on the Earth. (Earthquakes) Define problem(s) and design solution(s) to minimize the effects of natural hazards. **Lesson Overview:** 1. Complete the Rock cycle Questionnaire 2. Demonstrate Rock layers in sediment – Teacher demo	4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Thurs		**Objective:** Plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes. Develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time. Use models to explain seismic waves and their effect on the Earth. (Earthquakes) Define problem(s) and design solution(s) to minimize the effects of natural hazards. **Lesson Overview:** 1. Rock Cycle lab activity	4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10

Fri.	Notes:	**Objective:** Plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes. Develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time. Use models to explain seismic waves and their effect on the Earth. (Earthquakes) Define problem(s) and design solution(s) to minimize the effects of natural hazards. **Lesson Overview:** 1. Complete Rock Cycle lab sheet	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10