Name: Grace &Tucker		Grading Quarter: 3	Week Beginning: Feb 3 - Feb 7, 2025
School Year: 2025		Subject: 4th grade Science Week 25	
Mon	Notes: AM – Math Mimic PTC	**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. Review of the Origins, process and effects of earthquakes. 2. Discuss Tools used to track, monitor and measure earthquakes	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Tues	Notes: AM – ELA Mimic PTC	**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. Unit Review: Layers of the Earth, Plate tectonics, Plate Boundary types & Earthquakes	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Wed	Notes: PTC	**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. Layers of the Earth and Plate Tectonics Unit Exam	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Thurs	Notes: Early Release PTC	**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:**	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Fri	Notes: Early Release PTC	**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:**	Academic Standards: 4.E1.U1.6, 4.E1.U1.7