Grace &Tucker			Grading Quarter:	Week Beginning:	
			3	Jan. 27 - Jan 31, 20	an 31, 2025
School Year: 2025			Subject: 4 th grade Science Week 24		
Mon	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.			Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
	2. Watch videos of earthquakes and volcanic activity from tectonic movement				
Tue	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. Module: Earthquakes: L1 pg. 68-70, 72-73, 78-82 2. Poad and Discurs as a class			Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Wed	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.			Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
		Lesson Overview:1.STEM Challenge:2.TSW follow the s building. Model s	Earthquake Resistant Structure teps of the Engineer Design Pr hould withstand an earthquak	es Overview – Day 1 ocess to DESIGN a model of a 3-story e.	
Thurs	Notes:	Objective: Plan and carry o major systems and the imp model using various rock ty has changed over time. Use (Earthquakes) Define probl Lesson Overview: 1. STEM Challenge: 2. TSW follow the s building. Model s	ut an investigation to explore a act on Earth's surface material pes, fossil location, and landfo models to explain seismic wa em(s) and design solution(s) to Earthquake Resistant Structure teps of the Engineer Design Pr hould withstand an earthquak	and explain the interactions between Earth's is and processes. Develop and/or revise a orms to show evidence that Earth's surface ves and their effect on the Earth. o minimize the effects of natural hazards. es Overview – Day 2 ocess to BUILD a model of a 3-story e.	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Fri	Notes:	Objective: Plan and carry o major systems and the imp model using various rock ty has changed over time. Use (Earthquakes) Define probl Lesson Overview: 1. STEM Challenge: 2. TSW follow the st Model should wit	ut an investigation to explore a act on Earth's surface material pes, fossil location, and landfo models to explain seismic wa em(s) and design solution(s) to Earthquake Resistant Structure teps of the Engineer Design Pro-	and explain the interactions between Earth's is and processes. Develop and/or revise a orms to show evidence that Earth's surface ves and their effect on the Earth. In minimize the effects of natural hazards. es Overview – Day 2 ocess to TEST a model of a 3-story building.	Academic Standards: 4.E1.U1.6, 4.E1.U1.7