Name: Grace &Tucker		Grading Quarter: 3	Week Beginning: Feb 24 - Feb 21, 2025
School Year: 2025		Subject: 4th grade Science Week 28	
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. **Lesson Overview:** 1. Intro new Lesson on Rock layers and fossils 2. Guided reading and discussion Textbook pg. 32-36 – Day 1	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Tues	Notes: Field trip – Into the Wood Preview	**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. Cont. Guided reading and discussion Textbook pg. 32-36 – Day 2	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. **Lesson Overview:** 1. TSW complete Online ConnectEd assignments - Video: Fossil dig, Simulation: Fossil dig and Video: Fossils	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10
Thurs	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. Guided discussion on AZ – Grand Canyon fossils and Rock formation/layers 2. https://www.nps.gov/grca/learn/nature/fossils.htm	Academic Standards: 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. TSW take notes over Rock layers/formation, fossils and index fossils, types of fossils and AZ geologic time	Academic Standards: 4.E1.U1.5, 4.E1.U1.6, 4.E1.U1.7 4.E1U2.10