

Name: Reynolds, Moon		Grading Quarter: 3	Week Beginning: Week 8 2/24/25-2/28/25
School Year: 2024-2025		Subject: Science	
Monday	<p>Notes:</p> <p><b>Grade 5</b></p> <p><b>Unit 4:</b> Earth and Space Patterns</p> <p><b>Module 2:</b> Earth and Space</p> <p><b>Lesson 2:</b> Earth's Place in Space</p> <p><b>Essential Question:</b> Where is Earth located in space.</p>	<p>Objective:</p> <ul style="list-style-type: none"> <li>Students will explain Earth's location within the universe.</li> </ul> <p>Lesson Overview:</p> <ul style="list-style-type: none"> <li>Assess Prior Knowledge <ul style="list-style-type: none"> <li>Pages 36-38- Inquiry Activity: <i>Three Cities</i> <ul style="list-style-type: none"> <li>Make a Prediction: How does Earth's motion affect the average temperatures around the world?</li> <li>Carry Out an Investigation <ul style="list-style-type: none"> <li>Research the average high temperature of three different cities around the world. Record the data in the tables.</li> <li>Analyze Data <ul style="list-style-type: none"> <li>Create a line graph with three different colors to compare the data.</li> </ul> </li> </ul> </li> <li>Communicate Information <ul style="list-style-type: none"> <li>How does the timing of the seasons compare in cities north and south of the equator?</li> <li>What relationship did your find among the temperatures in the three cities?</li> <li>Analyze the data to explain how the climate patterns of each city are based on its location and the movement of Earth around the Sun.</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<p>Academic Standards:</p> <p><b>5.E2U1.7</b></p> <p>Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>

Tuesday	<p>Notes:</p> <p><b>Grade 5</b></p> <p><b>Unit 4:</b></p> <p>Earth and Space Patterns</p> <p><b>Module 2:</b></p> <p>Earth and Space</p> <p><b>Lesson 2:</b></p> <p>Earth's Place in Space</p> <p><b>Essential Question:</b></p> <p>Where is Earth located in space.</p>	<p>Objective:</p> <ul style="list-style-type: none"> <li>Students will explain Earth's location within the universe.</li> </ul> <p>Lesson Overview:</p> <ul style="list-style-type: none"> <li>Explore <ul style="list-style-type: none"> <li>Pages 26-27- Inquiry Activity: <i>Shadow Measurements</i> <ul style="list-style-type: none"> <li>Materials: <ul style="list-style-type: none"> <li>Chalk</li> <li>Meterstick</li> <li>Graph paper</li> </ul> </li> <li>Make a Prediction: How will the length and direction of a shadow change during the day? Explain.</li> <li>Carry Out an Investigation <ul style="list-style-type: none"> <li>Students will partner up and go outside to measure the length of their shadows 4 times throughout the day.</li> <li>Students will record the data into a table.</li> </ul> </li> <li>Communicate Information <ul style="list-style-type: none"> <li>How did the length of your shadow change throughout the day? How did this compare to your prediction?</li> <li>Explain the pattern of change in the length of your shadow.</li> <li>Describe the path of the Sun across the sky during the day.</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<p>Academic Standards:</p> <p><b>5.E2U1.7</b></p> <p>Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>
Wednesday	<p>Notes:</p> <p><b>Grade 5</b></p> <p><b>Unit 4:</b></p> <p>Earth and Space Patterns</p> <p><b>Module 2:</b></p> <p>Earth and Space</p> <p><b>Lesson 2:</b></p> <p>Earth's Place in Space</p> <p><b>Essential Question:</b></p> <p>Where is Earth located in space.</p>	<p>Objective:</p> <ul style="list-style-type: none"> <li>Students will explain Earth's location within the universe.</li> </ul> <p>Lesson Overview:</p> <ul style="list-style-type: none"> <li>Explain <ul style="list-style-type: none"> <li>Page 30- Inquiry Activity: Earth's Movements <ul style="list-style-type: none"> <li>Make a Prediction: How do Earth's movements affect the angle of sunlight?</li> <li>Carry Out an Investigation <ul style="list-style-type: none"> <li>Observe the simulation without changing any of the settings. Compare the angle of the sunlight at noon in winter and summer.</li> </ul> </li> </ul> </li> <li>Page 31-32- Seasons <ul style="list-style-type: none"> <li>Students will read the passages.</li> </ul> </li> </ul> </li> </ul>	<p>Academic Standards:</p> <p><b>5.E2U1.7</b></p> <p>Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>

Thursday	<p>Notes:</p> <p><b>Grade 5</b></p> <p><b>Unit 4:</b></p> <p>Earth and Space Patterns</p> <p><b>Module 2:</b></p> <p>Earth and Space</p> <p><b>Lesson 2:</b></p> <p>Earth's Place in Space</p> <p><b>Essential Question:</b></p> <p>Where is Earth located in space.</p>	<p>Objective:</p> <ul style="list-style-type: none"> <li>Students will explain Earth's location within the universe.</li> </ul> <p>Lesson Overview:</p> <ul style="list-style-type: none"> <li>Evaluate <ul style="list-style-type: none"> <li>Pages 40-41 <ul style="list-style-type: none"> <li>Summarize It <ul style="list-style-type: none"> <li>Explain how Earth moves through space and how it affects life on Earth.</li> </ul> </li> <li>Three-Dimensional Thinking <ul style="list-style-type: none"> <li>Based on what you learned about the patterns of Earth's movement, how does the illustration below show how Earth experiences day and night?</li> <li>The moon looks completely dark as seen from Earth. What causes a new moon?</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<p>Academic Standards:</p> <p><b>5.E2U1.7</b></p> <p>Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>
Friday	<p>Notes:</p> <p><b>Grade 5</b></p> <p><b>Unit 4:</b></p> <p>Earth and Space Patterns</p> <p><b>Module 2:</b></p> <p>Earth and Space</p> <p><b>Lesson 2:</b></p> <p>Earth's Place in Space</p> <p><b>Essential Question:</b></p> <p>Where is Earth located in space.</p>	<p>Objective:</p> <ul style="list-style-type: none"> <li>Students will explain Earth's location within the universe.</li> </ul> <p>Lesson Overview:</p> <ul style="list-style-type: none"> <li>Earth's Motion Lesson Quiz</li> </ul>	<p>Academic Standards:</p> <p><b>5.E2U1.7</b></p> <p>Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>