

Name: Reynolds, Moon		Grading Quarter: 4	Week Beginning: Week 3 3/31/25-4/4/25
School Year: 2024-2025		Subject: Science	
Monday	Notes: Grade 5 Unit 4: Earth and Space Patterns Module 2: Earth and Space Lesson 2: Stars and Their Patterns Essential Question: What causes some stars to be brighter than others?	Objective: <ul style="list-style-type: none"> Students will support an argument that some stars appear brighter than others due to their relative distances. Lesson Overview: <ul style="list-style-type: none"> Explain <ul style="list-style-type: none"> p. 74-75- Stars <ul style="list-style-type: none"> Academic Vocabulary <ul style="list-style-type: none"> <u>Star</u>- a sphere of hot gas that gives off light and heat. <u>Light-year</u>- the distance light travels in one year. <ul style="list-style-type: none"> Students will read the passage. p. 76-77- Constellations <ul style="list-style-type: none"> Academic Vocabulary: <ul style="list-style-type: none"> <u>Constellations</u>- patterns of stars that can be seen in the night sky from Earth. <ul style="list-style-type: none"> Students will read the passage. 	Academic Standards: 5.E2U1.7 Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.
	Notes: Grade 5 Unit 4: Earth and Space Patterns Module 2: Earth and Space Lesson 2: Stars and Their Patterns Essential Question: What causes some stars to be brighter than others?	Objective: <ul style="list-style-type: none"> Students will support an argument that some stars appear brighter than others due to their relative distances. Lesson Overview: <ul style="list-style-type: none"> Explain <ul style="list-style-type: none"> p. 78-79- Inquiry Activity: <i>The Night Sky</i> <ul style="list-style-type: none"> State the Claim: What happens to the position of stars as the months change? Carry Out an Investigation <ul style="list-style-type: none"> What happens to the position of the stars from evening to the next morning? What happens to the position of individual stars over the months of the year? Explain in terms of Earth's position relative to those stars. Talk About It <ul style="list-style-type: none"> Did what you observe in the simulation support your claim? Look at the historical map below. Compare it to the modern star map on page 77. Which is similar and different about the two maps? 	Academic Standards: 5.E2U1.7 Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.
Tuesday			

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wednesday</p>	<p>Notes: Grade 5 Unit 4: Earth and Space Patterns Module 2: Earth and Space Lesson 2: Stars and Their Patterns Essential Question: What causes some stars to be brighter than others?</p>	<p>Objective:</p> <ul style="list-style-type: none"> Students will support an argument that some stars appear brighter than others due to their relative distances. <p>Lesson Overview:</p> <ul style="list-style-type: none"> Evaluate <ul style="list-style-type: none"> p. 82-83- Explain the Phenomenon: Why are some stars brighter than others? <ul style="list-style-type: none"> Summarize It <ul style="list-style-type: none"> Use what you have learned to explain what stars are and why some appear brighter than others when we look at the night sky. Three-Dimensional Thinking <ul style="list-style-type: none"> Which statement explains why scientists use a unit called a light-year when writing about the large distances between Earth and distant stars? The table shows the distance of five different stars from Earth. Based on what you learned about star distances, choose the correct order of the stars as they appear from brightest to dimmest, based on their distance from Earth. 	<p>Academic Standards: 5.E2U1.7 Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Thursday</p>	<p>Notes: Grade 5 Unit 4: Earth and Space Patterns Module 2: Earth and Space Lesson 2: Stars and Their Patterns Essential Question: What causes some stars to be brighter than others?</p>	<p>Objective:</p> <ul style="list-style-type: none"> Students will support an argument that some stars appear brighter than others due to their relative distances. <p>Lesson Overview:</p> <ul style="list-style-type: none"> Stars and the Patterns Quiz 	<p>Academic Standards: 5.E2U1.7 Develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Friday</p>	<p>Notes: No School</p>	<p>Objective:</p> <ul style="list-style-type: none"> No School <p>Lesson Overview:</p> <ul style="list-style-type: none"> No School 	<p>Academic Standards: No School</p>

