

Fourth Grade Parent Rubric Quarter 3 Science

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<p>S4E1. Students will compare and contrast the physical attributes of stars, star patterns, and planets.</p> <p>a. Recognize the physical attributes of stars in the night sky such as number, size, color and patterns.</p> <p>b. Compare the similarities and differences of planets to the stars in appearance, position, and number in the night sky.</p> <p>c. Explain why the pattern of stars in a constellation stays the same, but a planet can be seen in different locations at different times.</p> <p>d. Identify how technology is used to observe distant objects in the sky.</p>	<p>Consistently compares and contrasts the physical attributes of stars, star patterns, and planets.</p> <p>Explains why the pattern of stars in a constellation stays the same, but a planet can be seen in different locations at different times.</p>
<p>S4E2. Students will model the position and motion of the earth in the solar system and will explain the role of relative position and motion in determining sequence of the phases of the moon.</p> <p>a. Explain the day/night cycle of the earth using a model.</p> <p>b. Explain the sequence of the phases of the moon.</p> <p>c. Demonstrate the revolution of the earth around the sun and the earth's tilt to explain the seasonal changes.</p> <p>d. Demonstrate the relative size and order from the sun of the planets in the solar system.</p>	<p>Consistently models the position and motion of the earth in the solar system and will explain the role of relative position and motion in determining the sequences of the phases of the moon.</p>