1. Space Systems: Patterns and Cycles

Students who demonstrate understanding can:

1-ESS1.1. Use observations of the sun, moon, and stars to describe patterns that can be predicted. (Clarification Statement: Examples of patterns could include that the sun and moon appear to rise in one part of the sky, move across the sky, and set; and stars other than our sun are visible at night but not during the day.) [Assessment Boundary: Assessment of star patterns is limited to stars being seen at night and not during the day.]

1-ESS1.2. Make observations at different times of year to relate the amount of daylight to the time of year. (Clarification Statement: Emphasis is on relative comparisons of the amount of daylight in the winter to the amount in the spring or fall.) [Assessment Boundary: Assessment is limited to relative amounts of daylight, not quantifying the hours or time of daylight.]

The performance expectations above were developed using the following elements from the NRC document A Framework for K-12 Science Education:

*The performance expectations marked with an asterisk integrate traditional science content with engineering through a Practice or Disciplinary Core Idea.

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