

## MAINE SCIENCE AND ENGINEERING STANDARDS

### 5-ESS1 Earth's Place in the Universe

**5-ESS1-1** Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.

Engaging in Argument from Evidence, The Universe and its Stars, Scale Proportion and Quantity

**5-ESS1-2** Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

Further Explanation: Examples of patterns could include the position and motion of Earth with respect to the sun and selected stars that are visible only in particular months.

Analyzing and Interpreting Data, Earth and the Solar System, Patterns