

## Space Exploration CAMP TEKS

**The following TEKS are embedded in this CAMP:**

**5.8(C)** demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky

**5.8(D)** identify and compare the physical characteristics of the Sun, Earth, and Moon

**4.8(C)** collect and analyze data to identify sequences and predict patterns of change in shadows, seasons, and the observable appearance of the Moon over time

**3.8(D)** identify the planets in Earth's solar system and their position in relation to the Sun

**8.7(A)** model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons

**8.7(B)** demonstrate and predict the sequence of events in the lunar cycle

**8.8(A)** describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification

**8.8(B)** recognize that the Sun is a medium-sized star located in a spiral arm of the Milky Way galaxy and that the Sun is many thousands of times closer to Earth than any other star

**8.8(C)** identify how different wavelengths of the electromagnetic spectrum such as visible light and radio waves are used to gain information about components in the universe

**6.11(B)** understand that gravity is the force that governs the motion of our solar system

**8.7 Earth and space.** The student knows the effects resulting from cyclical movements of the Sun, Earth, and Moon.

**8.7(C)** relate the positions of the Moon and Sun to their effect on ocean tides