Colonizing Mars CAMP TEKS

The following TEKS are embedded in this CAMP:

Science

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

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

5.8 Earth and space. The student knows that there are recognizable patterns in the natural world and among the Sun, Earth, and Moon system.

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

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(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*

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

8.8 *Earth and space. The student knows characteristics of the universe.*

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*