

## Earth, Moon and Sun Educational Standards

### Kindergarten:

- FA.K.3.3** Demonstrate how cultures have used dramatic play to express human experience.
- SC.K.1.1** Use the senses to make observations about the world around them.
- SC.K.1.2** Ask questions about the world around them.
- SC.K.2.1** Identify different types of technologies at home, in the classroom and/or in the world around them.
- SC.K.8.2** Identify different types of celestial objects in the day and night sky.
- SS.K.3.1** Describe historically significant events and observances in American history.

### Grade 1:

- FA.1.3.3** Evaluate personal feelings about a theatrical work.
- FA.1.3.5** Analyze the dramatic elements of culture that exist in stories, songs, fairytales, fables and nursery rhymes.
- SC.1.2.1** Explain why people create technological devices.
- SC.1.2.2** Describe a variety of changes that occur in nature.
- SC.1.8.1** Describe that the sun warms air, land and water.
- SS.1.6.1** Describe ways in which own and other cultures express cultural beliefs and practices through story and legends.

### Grade 2:

- CTE.2.1.1** Explain that people can design and make objects and systems to solve a problem or to improve the quality of life.
- SC.2.2.1** Describe changes that have occurred in society as a result of new technologies

Grade 3:

**SC.3.6.1** Define energy and explain that the sun produces energy in the form of heat and light.

**SC.3.8.3** Safely observe and describe the basic movements of the sun and moon.

**SC.3.8.4** Describe that the constellations stay the same, though they “appear” to move across the sky every night.

**SS.3.6.1** Explain that different cultures have unique beliefs, values and practices.

**SS.3.6.3** Explain how cultural elements (eg. Language, art, music, stories, legends and traditions) can change over time and possible reasons for those changes.

Grade 4:

**SC.4.8.3** Describe the relationship between the sun and the Earth’s daily rotation and annual revolution.

Grade 5:

**CTE.5.1.1** Examine how different innovations have developed/evolved in various cultures over time to improve life and solve problems.

**SC.5.8.1** Describe the relationship (size and distance) of Earth to other components in the solar system.

**SC.5.8.2** Describe examples of what astronomers have discovered using telescopes.

**SC.5.8.3** Explain that the planets orbit the sun and that the moon orbits Earth.

**SC.5.8.4** Demonstrate that day and night are caused by the rotation of Earth on its axis.

Grade 6:

**SC.6.2.1** Explain how technology has an impact on society and science.

**SC.6.2.2**

Explain how the needs of society have influenced the development and use of technologies.