

**South Carolina**  
Elementary School

**Starry Night Lesson Plans**  
Grades K-2      Grades 3-4

**Grade 1**

**Sun and Moon**

**Standard 1-3:**

The student will demonstrate an understanding of the features of the sky and the patterns of the Sun and the Moon. (Earth Science)

1, 2, 3, 4

1, 2, 3

**Indicators**

1-3.1 Compare the features of the day and night sky.

1, 3, 4

2, 3

1-3.2 Recall that the Sun is a source of heat and light for Earth.

1, 2

1

1-3.3 Recognize that the Sun and the Moon appear to rise and set.

1, 3, 4

2

1-3.4 Illustrate changes in the Moon's appearance (including patterns over time).

4

**Grade 4**

**Astronomy**

**Standard 4-3:**

The student will demonstrate an understanding of the properties, movements, and locations of objects in the solar system. (Earth Science)

1, 2, 3, 4

1, 2, 3

**Indicators**

4-3.1 Recall that Earth is one of many planets in the solar system that orbit the Sun.

2

1

4-3.2 Compare the properties (including the type of surface and atmosphere) and the location of Earth to the Sun, which is a star, and the Moon.

2, 4

1

4-3.3 Explain how the Sun affects Earth.

1, 3

1, 2

4-3.4 Explain how the tilt of Earth's axis and the revolution around the Sun results in the seasons of the year.

2

4-3.5 Explain how the rotation of Earth results in day and night.

1, 3

2

4-3.6 Illustrate the phases of the Moon and the Moon's effect on ocean tides.

4

4-3.7 Interpret the change in the length of shadows during the day in relation to the position of the Sun in the sky.

1, 3

2

4-3.8 Recognize the purpose of telescopes.

2

1, 3