

Oklahoma
Middle School

Starry Night Lesson Plans
In order of relevance

Grade 5

Earth/Space Science

Standard 3: Structure of Earth and the Solar System

3. Earth is the third planet from the Sun in a system that includes the moon, the Sun, and seven other planets.

B1-B2 C1-C4 D1-D3 F3 I2

Grade 6

Earth/Space Science

Standard 5: Structures of the Earth and the Solar System

3. The Sun provides the light and heat necessary to maintain life on Earth and is the ultimate source of energy (i.e., producers receive their energy from the Sun).

F1-F3 A2

Grade 7

Earth/Space Science

Standard 6: Earth and the Solar System

1. Most objects in the solar system are in regular and predictable motion. Those motions explain such phenomena as the day, the year, phases of the Moon, and eclipses.

A1-A5 B1-B2 C1-C4 D1-D3 E1-E4 I2

2. Seasons result from variations in the amount of the Sun's energy hitting the surface, due to the tilt of the Earth's rotation on its axis and the length of the day.

A2 F1

Grade 8

Earth/Space Science

Standard 4: Structures and Forces of the Earth and Solar System

3. Gravity is the force that governs the motion of the solar system and holds us to the Earth's surface.

C1-C4 B1-B2 F3 I2

Standard 5: Earth's History

1. Earth's history has been punctuated by occasional catastrophic events, such as the impact of asteroids or comets, enormous volcanic eruptions, periods of continental glaciation, and the rise and fall of sea level.

D1-D3