

## U.S. Curriculum Correlations by State

### Tennessee

Grades 6, 7, 8,  
Earth and Space Science

**Content Standard: 7.0 Earth and Its Place in the Universe**  
The Student will investigate the structure of the Universe.

7.1 Recognize the basic components of the Universe.

#### Starry Night Lesson Plans

*In order of relevance*

E1-E3 F1-F3 B1-B3

7.2 Investigate the relative distances of objects in space.

B2 G1 G2 G3 G4

7.3 Explore the positional relationships among the Earth, Moon, and Sun.

A1 A2 A3 A4 A5

7.4 Understand that gravity is a force that keeps planets in orbit around the Sun and governs movement in the Solar System.

C2 C1 C3 D1 D2 D3

7.5 Explore the role of technology and careers associated with the study of space.

H1

#### Performance Indicator Level 1

6.7.spi.1 Distinguish between a day, month, and year on Earth based on the movements of the Earth, Sun, and Moon.

A1 A2 A3 A4 A5

6.7.spi.2 Identify the force that pulls objects toward the Earth.

C2

6.7.spi.3 Differentiate between planets according to specific characteristics.

B1 B2 C1 C2 C3 D1 D2 D3

#### Performance Indicator Level 2

6.7.spi.4 Categorize the components of the Universe (i.e., stars, planets, comets, asteroids, meteors).

E1-E3 F1 B1-B2 G1-G4

6.7.spi.5 Differentiate between a solar and lunar eclipse.

A5

6.7.spi.16 Select the diagram that reflects the Earth/Sun relationship that accounts for the four seasons.

A2

#### Performance Indicator Level 3

6.7.spi.7 Predict the type of tide produced by the different positions of the Earth and Moon system.

A3 A4