

U.S. Curriculum Correlations by State

Texas

Grade 6

112.22. Science

(2) As students learn science skills, they identify components of the Solar System including the Sun, planets, Moon, and asteroids and learn how seasons and the length of the day are caused by the tilt and rotation of the Earth as it orbits the Sun.

Starry Night Lesson Plans

In order of relevance

B1 A1 A2

(13) Science concepts. The student knows components of our Solar System. The student is expected to:

A) Identify characteristics of objects in our Solar System including the Sun, planets, meteorites, comets, asteroids, and moons; and

B2 C1 C2 C3 F1 C1 C2 C3 D1 D2

B) Describe types of equipment and transportation needed for space travel.

B2 G2 H1

Grade 7

112.23. Science

(2) As students learn science skills, they identify gravity and phases of the Moon as components of the Solar System and explore the effects of events such as hurricanes on the Earth.

A3 A4

(13) Science concepts. The student knows components of our Solar System. The student is expected to:

B1

A) Identify and illustrate how the tilt of the Earth on its axis as it rotates and revolves around the Sun causes changes in seasons and the length of a day; and

A1 A2 E3

B) Relate the Earth's movement and the Moon's orbit to the observed cyclical phases of the Moon.

A4

U.S. Curriculum Correlations by State

Texas continued

Texas Grade 8

112.24. Science

(2) Students learn that stars and galaxies are part of the Universe, identify light years as a way to describe distance, and learn about scientific theories of the origin of the Universe. Cycles within Earth systems are studied as students learn about lunar cycles and the rock cycle.

(12) Science concepts. The student knows that cycles exist in Earth systems. The student is expected to:

A) Analyze and predict the sequence of events in the lunar and rock cycles;

(13) Science concepts. The student knows characteristics of the Universe. The student is expected to:

A) Describe characteristics of the Universe such as stars and galaxies;

B) Explain the use of light years to describe distances in the Universe; and

C) Research and describe historical scientific theories of the origin of the Universe

Starry Night Lesson Plans

In order of relevance

G1 G2 G3 G4 A4

A4

G1 G2 G3 G4

G2 G3 G4

G4