

U.S. Curriculum Correlations by State

Hawaii

Grades 5

Understand the Earth and its processes, the Solar System, and the Universe and its contents.

SC.5.8.1 Describe the relationship (size and distance) of the Earth to other components in Solar System.

Starry Night Lesson Plans

In order of relevance

B1 B2

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

B1-B2 C1-C3 D1-D3 F1-F3 G1-G4

SC.5.8.3 Explain that the planets orbit the Sun and that the Moon orbits the Earth.

B1 C2 A3 A4 A5 E3

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

A1

Grade 8

Understand the Earth and its processes, the Solar System, and the Universe and its contents.

SC.8.8.3 Describe how the Earth's motions and tilt on its axis affect the seasons and weather.

A2 E3

SC.8.8.4 Explain how the Sun is a major source of energy influencing climate and weather on Earth.

F1 A2

SC.8.8.8 Describe the composition of objects in the galaxy.

C1-C3 D1-D3 G1-G4 F1-F3

SC.8.8.9 Explain the predictable motions of the Earth and Moon.

A1 A2 A3 A4 A5 E3

SC.8.8.10 Compare the characteristics and movement patterns of the planets in our Solar System.

C1 C2 C3

SC.8.8.11 Describe the major components of the Universe.

G1 G2 G3 G4

SC.8.8.12 Describe the role of gravitational force in the motions of planetary systems.

C2