

U.S. Curriculum Correlations by State

California

Grade 8

Earth in the Solar System (Earth Science)

4. The structure and composition of the Universe can be learned from studying stars and galaxies and their evolution. As a basis for understanding this concept:

- a. Students know galaxies are clusters of billions of stars and may have different shapes.

- b. Students know that the Sun is one of many stars in the Milky Way galaxy and that stars may differ in size, temperature, and color.

- c. Students know how to use astronomical units and light years as measures of distances between the Sun, stars, and Earth.

- d. Students know that stars are the source of light for all bright objects in outer space and that the Moon and planets shine by reflected sunlight, not by their own light.

- e. Students know the appearance, general composition, relative position and size, and motion of objects in the Solar System, including planets, planetary satellites, comets, and asteroids.

Starry Night Lesson Plans

In order of relevance

G3 G4

F1 F3 G2

B2 G2

G2 C1 A3

B1 B2 C1 C2 C3 D1 D2 D3