

## U.S. Curriculum Correlations by State

### Wisconsin

Grade 6, 7, 8

Standard E: Earth and Space Science

#### Earth in the Solar System

**E.8.7 Describe the general structure of the Solar System, galaxies, and the Universe, explaining the nature of the evidence used to develop current models of the Universe.**

- a. Recognize that the Sun is a star in our Solar System.
- b. Recognize that there are many different stars and they have different properties.
- c. Research gravity's role in holding together the Solar System.
- d. Study and analyze data from various sources to support or further understand the current models of our Solar System.
- e. Use models competently to represent the Solar System, galaxies, and the Universe.

**E.8.8 Using past and current models of the structure of the Solar System, explain the daily, monthly, yearly, and long-term cycles of the Earth, citing evidence gained from personal observation as well as evidence used by scientists.**

- a. Research, using models, how objects in the Solar System have regular and predictable orbits and motion.
- b. Recognize that the tilt of the Earth on its axis as it revolves around the Sun causes seasons.
- c. Explain that rotation of Earth on its axis causes day and night.
- d. Explore historical models of the Solar System.

#### Starry Night Lesson Plans

*In order of relevance*

B1 F3 F1 G2

G2 G1 F1 F2 F3

F3 C2 B1 B2

B1-B2 C1-C3 D1-D3 E3 F1-F3 H1

All Starry Night Lesson Plans.

A1-A5 B1-B2 C1-C3 D1-D3 E1-E3

A2

A1

C1-C3 E1-E3