

Wisconsin
Middle School

Starry Night Lesson Plans
In order of relevance

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	All Starry Night lesson plans
a. Recognize that the sun is a star in our solar system.	B1-B2 F1-F3 G2
b. Recognize that there are many different stars, and they have different properties.	G1-G3 F1-F3
c. Research gravity's role in holding together the solar system.	F3 C2 B1-B2 I2
d. Study and analyze data from various sources to support or further understand current models of our solar system.	B1-B2 C1-C4 D1-D3 E1-E4 F1-F3 I1-I2
e. Use models competently to represent solar system, galaxies, and universe.	All Starry Night lesson plans
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	A1-A5 B1-B2 C1-C4 D1-D3 E1-E4 F1-F3
a. Research, using models, how objects in the solar system have regular and predictable orbits and motion.	A1-A5 B1-B2 C1-C4 D1-D3 E1-E4
b. Recognize that the tilt of the earth on its axis as it revolves around the sun causes seasons.	A2
c. Explain that rotation of the earth on its axis causes day and night.	A1
d. Explore historical models of the solar system.	C1-C4 E1-E4