

West Virginia
Middle School

Starry Night Lesson Plans
In order of relevance

Grade 6

10. Earth and the Solar System

	A1-A5 E3	B1-B2 E4	C1-C4	D1-D3	I2
a. Recognize the phases of the Moon (SC.6.4.28)	A4				
b. Investigate models of Earth-Moon-Sun relationships (SC.6.4.29)	A1-A5				
c. Compare the Earth's tilt and revolution to the seasonal changes (SC.6.4.30)	A2	E3	E4		

Grade 7

11. Earth and the Solar System

	A1-A5 E3	B1-B2 E4	C1-C4	D1-D3	I2
a. Explain and model using manipulatives how the Earth's tilt and revolution determine the seasonal changes and weather patterns (SC.7.4.30)	A2	E3	E4		
b. Recognize the changes involved in the life cycle of a star (SC.7.4.31)	G2	F3	G3		
c. Describe and compare the physical characteristics of celestial objects (SC.7.4.32)	All Starry Night lesson plans				
d. Compare the characteristics of the members of our solar system (SC.7.4.33)	A1-A5	B1-B2	C1-C4	D1-D3	I2

Grade 8

11. Earth and the Solar System

	A1-A5 I2	B1-B2 E3	C1-C4 E4	D1-D3	F1-F3
a. Recognize societal concerns with exploration and colonization of space (SC.8.4.31)	I1-I2 G1-G3	B1-B2	C1-C4	D1-D3	F1-F3
b. Diagram the motions of the Sun, Moon and Earth and how eclipses, tides, meteor showers are related to these motions (SC.8.4.32)	A1-A5	D1-D3	F3		
c. Compare and contrast the orbits of planets and comets (SC.8.4.33)	B1-B2	D2	F3		
d. Compare and contrast the differences between the shape, size, and components of galaxies (SC.8.4.34)	H1-H2				