

# Louisiana

Middle School

Grades 5-8

## C. EARTH IN THE SOLAR SYSTEM

	Starry Night Lesson Plans					
	<i>In order of relevance</i>					
ESS-M-C1 identifying the characteristics of the Sun and other stars (1, 2, 3, 4)	F1-F3	G1-G3				
ESS-M-C2 comparing and contrasting the celestial bodies in our solar system (2, 4)	B1-B2	C1-C4	D1-D3			
ESS-M-C3 investigating the force of gravity and the ways gravity governs motion in the solar system and objects on Earth (2, 3, 4)	C2	B1-B2	F3	G3		
ESS-M-C4 modeling the motions of the Earth-Moon-Sun system to explain day and night, a year, eclipses, Moon phases, and tides (1, 2, 3, 4)	A1-A5	E1-E4				
ESS-M-C5 modeling the position of the Earth in relationship to other objects in the solar system (1, 2, 3, 4)	B1-B2	C2	F3			
ESS-M-C6 modeling and describing how radiant energy from the Sun affects phenomena on the Earth's surface, such as winds, ocean currents, and the water cycle (1, 2, 3, 4)	F1	F2				
ESS-M-C7 modeling and explaining how seasons result from variations in amount of the Sun's energy hitting the surface due to the tilt of Earth's rotation on its axis and the length of the day (1, 2, 3, 4)	A2					
ESS-M-C8 understanding that space exploration is an active area of scientific and technological research and development (1, 5)	I1-I2	C1	C3	F2	H1	H2