

Grade 6

Earth and Space Science: Space

301-21 describe how astronauts are able to meet their basic needs in space	I1	I2			
301-19 demonstrate how Earth's rotation causes the day and night cycle and how Earth's revolution causes the yearly cycle of seasons	A1	A2	E3	E4	
301-20 observe and explain how the relative positions of Earth, the moon, and the sun are responsible for the moon phases, eclipses, and tides	A3	A4	A5		
300-23 describe the physical characteristics of components of the solar system—specifically, the sun, planets, moons, comets, asteroids, and meteors	B1-B2	C1-C4	D1-D3	F1-F3	
302-13 identify constellations in the night sky	E1-E4				

Nature of Science and Technology

104-8 demonstrate the importance of using the languages of science and technology to compare and communicate ideas, processes, and results	All Starry Night Lesson Plans					
105-1 identify examples of scientific questions and technological problems that are currently being studied	C1-C4	D1-D3	F1-F3	G1-G3	Hi-H2	I1-I2
105-6 describe how evidence must be continually questioned in order to validate scientific knowledge	C4	E4	I2			

Relationships Between Science and Technology

106-3 describe examples of improvements to the tools and techniques of scientific investigation that have led to new discoveries	C1-C4	D1-D3	F1-F3	I2		
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Social and Environmental Contexts of Science and Technology

107-3 compare tools, techniques, and scientific ideas used by different people around the world to interpret natural phenomena and meet their needs	E1-E4	I1-I2	C2	F1-F3	A1-A5	
107-15 describe scientific and technological achievements that are the result of contributions by people from around the world	C1-C4	D1-D3	F1-F3	G1-G3	H1-H2	I1-I2