

**North Carolina**  
**Middle School**

**Starry Night Lesson Plans**  
In order of relevance

**Grade 6**  
**Competency Goal 5: Understanding the Solar System**

5.01 Analyze the components and cycles of the solar system	A1-A5	B1-B2	C1-C4	D1-D3
5.02 Compare and contrast Earth to other planets	C1	C3		
5.03 Relate the influence of the Sun (solar storms) and the Moon's orbit to the gravitational effects produced on Earth	A3	F2		
5.04 Describe space explorations and the understandings gained from them	I1-I2	E4		
5.05 Describe the setting of the solar system in the universe	F3	G1	H1	H2 E4
5.06 Analyze the spin-off benefits generated by space exploration technology	I1-I2			