

Nova Scotia
Middle School

Starry Night Lesson Plans
In order of relevance

Grade 6

Space Exploration

Describe how astronauts are able to meet their basic needs in space	I1	I2				
Describe examples of improvements to the tools and techniques of exploring the solar system that have led to discoveries and scientific information	C1-C4	D1-D3	F1-F3	I2		
Describe scientific/technological achievements in space science that are the results of contributions by people from around the world.	C1-C4	D1-D3	F1-F3	G1-G3	Hi-H2	I1-I2
Identify examples of scientific questions and technological problems about space and space exploration that are currently being studied.	C1-C4	D1-D3	F1-F3	G1-G3	Hi-H2	I1-I2

Earth, Moon and Sun

Describe how peoples' conceptions of the Earth and its position in the solar system have been continually questioned and changed over time	E1-E4	B1-B2	F3	I2		
Demonstrate how Earth's rotation causes the day and night cycle and how Earth's revolution causes the yearly cycle of seasons	A1	A2				
Observe and explain how the relative positions of Earth, the Moon and the Sun are responsible for the Moon phases, eclipses and tides	A3-A5					

Solar System

Select and use tools in building models of the solar system that show approximate relative sizes of the planets and sun, and the approximate relative orbits of the planets around the sun.	B1-B2	C1-C4	I2	F1-F3		
Describe the physical characteristics of components of the solar system	C1-C4	D1-D3	B1-B2	I2	F1-F3	
Identify and use a variety of sources and technologies to gather and display pertinent information about planets, moons, comets, asteroids, and meteors	C1-C4	D1-D3	B1-B2	I2		
Evaluate the usefulness of different information sources when getting information about the components of the solar system.	C1-C4	D1-D3	B1-B2	I2	F1-F3	

Stars and Constellations

Identify constellations	E1-E4					
Use a variety of resources to gather information on the visual characteristics and mythology of constellations	E1-E4					
Compare how different cultures have used the stars for agriculture, navigation and other significant events.	E1-E4					