

Prince Edward Island
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	I2	D1-D3	F1-F3
Describe scientific/technological achievements in space science that are the result of contributions by people from around the world.	C1-C4	I1-I2	F1-F3	
Identify examples of scientific questions and technological problems about space and space exploration that are currently being studied.	C1-C4	I1-I2	F1-F3	G1-G3 H1-H2

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	C1-C4	B1-B2	F3
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
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

Describe the physical characteristics of components of the solar system.	C1-C3	D1-D3	B1-B2	I2
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			
Use a variety of sources and technologies to gather pertinent information about a planet, moon, asteroid, or comet.	C1-C4	D1-D3	I2	

Stars and Constellations

Identify constellations.	E1-E4			
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			