

Saskatchewan
Middle School

Starry Night Lesson Plans

In order of relevance

Grade 6

Core Unit: Exploring Space

Discuss the role of satellites and space probes in describing and monitoring the Earth and other planets.	F1	F2	C1-C4	I1-I2	
Predict the future impact of space exploration.	I1-I2	H1-H2	C1-C4	G1-G3	
Appreciate the value and limitations of technology within society. (TL)	D3	C4	E4	F2	I1-I2
Promote both intuitive, imaginative thought and the ability to evaluate ideas, processes, experiences and objects in meaningful contexts. (CCT)	C4	E4	I1-I2		

Grade 8

Core Unit: The Earth and Space

Understand the movements of the planets and other bodies in the solar system.	A1-A5	B1-B2	C1-C4	D1-D3		
Describe how the rotation of the Earth produces day and night.	A1					
Account for the differences of day length in midsummer and in midwinter.	A2					
Explain why the Sun has a stronger heating effect in summer than in winter in the northern hemisphere.	A2					
Compare the speed and the length of path of the orbits of the planets.	B1-B2	C2	D1-D3			
Explain the retrograde motion of the planets in the sky.	C2					
Identify by sight the planets Venus, Jupiter, and Mars.	C1					
Recognize the conditions that govern life in space.	B2	F1	F2	G1-G3	H1	I1
Study the physiological and psychological experiences of astronauts and cosmonauts in the Skylab and Spacelab programs.	I1	F1-F2				
Consider the distances and times involved in interplanetary and interstellar space travel.	I2	B2	G1-G3	H1	I1	
Reflect on the matter of interstellar travel.	G1-G3	H1-H2				
Determine how distances to stars are estimated.	G1	G2				
Examine the distribution of stars in the sky.	G1-G3	H1-H2	E1-E4			
Identify the various types of objects and groupings of objects in interstellar space.	G1-G3	H1-H2				
Provide for students' active involvement in decision-making about space exploration.	I1-I2	F2	G2	G3	H1-H2	
Generate alternatives to technological innovations in the study of space.	I1-I2	F2	G2	G3	H1-H2	
Participate in debate about the support of space exploration.	I2					
Examine the place of space science and technology in North American science.	I1-I2	F2				

NOTE: There does not appear to be any astronomy beyond grade eight in the Saskatchewan curriculum. - MLW