

Living Space

Curriculum Connections: Nova Scotia

Gr.	Course	Strand	Lesson	Specific Curriculum Outcomes
6	Science Grade 6 (2008)	Earth and Space Science: Space	MINDS-ON 1, 2	Describe and give examples of information and contributions that have led to new inventions and applications (106-3, 107-15, 206-4)
			MINDS-ON 1, 2	Describe, based on evidence, and make conclusions about how astronauts are able to meet their basic needs in space (206-5, 301-21)
6	Mathematics 6 (2014)	Statistics and Probability (SP)	ACTION 1, 2	SP01 Students will be expected to create, label, and interpret line graphs to draw conclusions.
			ACTION 1, 2	SP02: Students will be expected to select, justify and use appropriate methods of collecting data, including: <ul style="list-style-type: none"> • experiments • databases
			ACTION 1, 2	SP03: Students will be expected to graph collected data and analyze the graph to solve problems.
7	Grade 7 Science (2014)	Physical Science: Heat	MINDS-ON 2	Compare transmission of heat by conduction, convection, and radiation (308-5)
			MINDS-ON 2	Describe, with examples, our heat needs and insulating technologies from the past to present (112-1, 109-4)
			MINDS-ON 2	Differentiate between science and technology applications of how heat affects lives (111-5, 113-4)
			MINDS-ON 3	Compare and demonstrate how to use and read various instruments used to measure temperature from the past to present technologies (308-1, 209-3, 110-7)
7	Mathematics 7 (2015)	Statistics and Probability (SP)	ACTION 1, 2	SP01: Students will be expected to demonstrate an understanding of central tendency and range by: <ul style="list-style-type: none"> • determining the measures of central tendency (mean, median, mode) and range
8	Mathematics 8 (2015)	Statistics and Probability (SP)	ACTION 1, 2	SP01: Students will be expected to critique ways in which data is presented.
9	Grade 9 Science (2014)	Space Exploration	MINDS-ON 1, 2	Provide and describe examples of how Canadian research projects and careers are supported through science and technology (112-6, 112-11)
9	Mathematics Grade 9 (2014)	Topic F	ACTION 1, 2	F4 select, defend, and use the most appropriate methods for displaying data
			ACTION 2	F5 draw inferences and make predictions based on data analysis and data displays
			ACTION 2	F7 evaluate arguments and interpretations that are based on data analysis