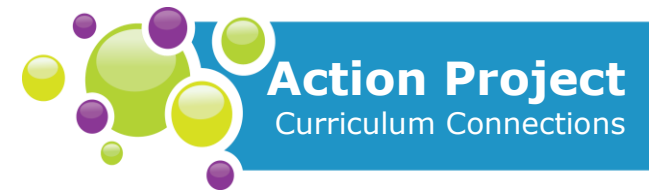


Living Space

Curriculum Connections: New Brunswick



Gr.	Course	Topic/GCO	Lesson	Specific Curriculum Outcomes
6	Science Grade 6 (2002)	Earth and Space Science: Space	MINDS-ON 1	107-5 describe scientific/technological achievements in space science that are the result of contributions by people from around the world
			MINDS-ON 1	107-12 provide examples of Canadians who have contributed to the science and technology of space exploration
			MINDS-ON 1, 2	105-1 identify examples of scientific questions and technological problems about space and space exploration that are currently being studied
			MINDS-ON 1, 2, 3	106.3 describe examples of improvements to the tools and techniques of scientific investigation that have led to new discoveries
			MINDS-ON 2	206-4 evaluate the usefulness of different information sources in answering a given question
			MINDS-ON 2	301-21 describe how astronauts are able to meet their basic needs in space
			MINDS-ON 3	105.6 describe how evidence must be continually questioned in order to validate scientific knowledge
			ALL	104.8 demonstrate the importance of using the languages of science and technology to compare and communicate ideas, processes, and results
			ALL	207-2 communicate procedures and results, using lists, notes in point form, sentences, charts, graphs, drawings, and oral language
			ALL	205-8 identify and use a variety of sources and technologies to gather pertinent information
6-8	Middle School Technology Education (2016 Pilot)	GCO 1 – Students will understand technological operations and concepts.	CONSOLIDATION	1.3 Students will conceptualize, design, and create products respective of standards and specifications.
			CONSOLIDATION	1.4 Students will communicate information and ideas using a variety of multimedia.
			ALL	1.1 Students will use technological systems
			ALL	1.2 Students will be able to use tools and technology applications safely.
		GCO 2 – Students will practice critical thinking and	MINDS-ON 1, 2, 3	2.5 Students will understand and demonstrate computer coding/programming concepts and terminology.
			ACTION 1, 2	2.2 Students will examine data to draw conclusions and recommend solutions to improve performance.

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Curriculum Connections: New Brunswick

		problem solving skills.	ALL	2.1 Students will investigate and solve technological problems.
			ALL	2.3 Students will work in teams to solve problems.
			ALL	2.4 Students will investigate and demonstrate the relationship between technology and society.
6	Mathematics Grade 6 (2010)	GCO: Statistics and Probability (SP)	ACTION 1, 2	SP1: Create, label and interpret line graphs to draw conclusions.
			ACTION 1, 2	SP2: Select, justify and use appropriate methods of collecting data, including: <ul style="list-style-type: none"> • experiments • databases
			ACTION 1, 2	SP3: Graph collected data and analyze the graph to solve problems.
7	Science Grade 7 (2002)	Unit 3: Heat	MINDS-ON 2	308-5 compare transmission of heat by conduction, convection, and radiation <ul style="list-style-type: none"> - describe how a technology associated with heat has affected lives (113-4) - describe how our needs related to heat can lead to developments in science and technology (112-1)
			MINDS-ON 3	308-1 compare various instruments used to measure temperature (liquid-in-glass thermometers - digital thermometers)
7	Mathematics Grade 7 (2008)	GCO: Statistics and Probability (SP)	ACTION 1, 2	SP1: 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 Grade 8 (2009)	GCO: Statistics and Probability (SP)	ACTION 1, 2	SP1: Critique ways in which data is presented.
9	Grade 9 Science (2002)	Space Exploration	MINDS-ON 1	describe examples of science and technology-based careers in Canada that are associated with space exploration (112-11)
			MINDS-ON 2	describe the science underlying three technologies designed to explore space (109-11, 111-5)
9	Mathematics Grade 9 (2010)	Statistics and Probability (Data Analysis)	ACTION 2	SP2: Select and defend the choice of using either a population or a sample of a population to answer a question.
			ACTION 2	SP4: Develop and implement a project plan for the collection, display and analysis of data