

British Columbia Curriculum Connections for Grades 6-9

Lesson 1- Resiliency is Key to Survival

Grade	Subject/Course	Strand	Overall Expectation		
6	Health and Career	Goals and Decisions	- influences on decision making and goal setting		
		Healthy Relationships	- stereotyping and discrimination		
		Safety and Injury Prevention	- Internet safety - responding to emergencies		
Mathematics		Patterns and Relations	- patterns & relationships in graphs & tables including tables of value		
		Shape and Space	- methods of data collection		
		Statistics and Probability	- experimental & theoretical probability		
Science		Life Science	- analyse how different organisms adapt to their environments		
		Earth and Space Science	- explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments		
	Social Studies	Skills and Processes	- apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue		
			Identity, Society, and Culture	- assess diverse concepts of Canadian identity - compare Canadian society with the society of another country	
				Governance	- compare the federal government in Canada with national governments of other countries - compare individual and collective rights and responsibilities in Canada with those in other countries - describe the role of Canada in the world
					Economy and Technology
		Human and Physical Environment	- assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries		

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Healthy Living	<ul style="list-style-type: none"> - analyse factors (including media and peer) that influence personal health decisions - demonstrate an ability to access community information and support services for a variety of health issues - demonstrate an understanding of the life-threatening nature of HIV/AIDS (e.g., HIV/AIDS damages the immune system, there is currently no known cure for HIV/AIDS)
		Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid potentially unsafe situations on the road and in the community (e.g., recognize hazards and potential for injury, use assertive communication skills, use protective equipment, get relevant training and education)
	Mathematics	Patterns and Relations	<ul style="list-style-type: none"> - demonstrate an understanding of oral and written patterns and their equivalent linear relations
		Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of central tendency and range by determining the measures of central tendency (mean, median, mode) and range - determining the most appropriate measures of central tendency to report findings - determine the effect on the mean, median, and mode when an outlier is included in a data set - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
		Earth and Space Science	<ul style="list-style-type: none"> - analyse the dynamics of tectonic plate movement and landmass formation - explain how the Earth's surface changes over time
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue

Grade	Subject/Course	Strand	Overall Expectation
9	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - describe the effect of: <ul style="list-style-type: none"> - bias - use of language - ethics - cost - time and timing - privacy - cultural sensitivity - on the collection of data select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry • select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified
		Politics and Law	<ul style="list-style-type: none"> - define colonialism, imperialism, and nationalism - analyse factors that contribute to revolution and conflict
		Economy and Technology	<ul style="list-style-type: none"> - analyse effects of colonialism on trade and conflict - identify factors that influenced growth and development of industry
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, contours, and various types of maps - describe and compare North America's diverse geographical regions - demonstrate understanding of the ways in which Aboriginal people interact with their environment - assess the role of geographical factors in the development of trade and settlement in Canada and other colonies

Lesson Two: Climate Change: A Case Study: Ghana, Africa

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - describe planning techniques that can help to support goal attainment (e.g., time management, setting priorities, considering costs and resources) - identify influences on goal setting and decision making, including family, peer, and media influences
		Safety and Injury Prevention	<ul style="list-style-type: none"> - identify basic principles for responding to emergencies (e.g., following safety guidelines, having an emergency response plan, knowing how to get help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of probability by identifying all possible outcomes of a probability experiment - differentiating between experimental and theoretical probability - determining the theoretical probability of outcomes in a probability experiment - determining the experimental probability of outcomes in a probability experiment - comparing experimental results with the theoretical probability for an experiment
	Science	Processes and Skills	<ul style="list-style-type: none"> - manipulate and control a number of variables in an experiment
		Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments - describe contributions of Canadians to exploration technologies
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	<ul style="list-style-type: none"> - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare individual and collective rights and responsibilities in Canada with those in other countries
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Career Development	<ul style="list-style-type: none"> - identify skills that are transferable to a range of school and recreational situations (e.g., time management, teamwork, problem solving, communication, adaptability)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Processes and Skills	<ul style="list-style-type: none"> - test a hypothesis by planning and conducting an experiment that controls for two or more variables - create models that help to explain scientific concepts and hypotheses
		Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
		Physical Science	<ul style="list-style-type: none"> - conduct investigations into properties of matter
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue
Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Education and Careers	<ul style="list-style-type: none"> - identify skills that are transferable to new tasks and situations within and outside the school, including: personal management skills, academic skills, teamwork skills
		Safety and Injury Prevention	<ul style="list-style-type: none"> - describe appropriate procedures for responding to emergencies (e.g., be prepared, ensure there is no further danger to self or others, know how to access help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - critique ways in which data is presented - solve problems involving the probability of independent events
	Science	Processes of Science	<ul style="list-style-type: none"> - demonstrate safe procedures - perform experiments using the scientific method - represent and interpret information in graphic form - use models to explain how systems operate - demonstrate scientific literacy - demonstrate ethical, responsible, cooperative behaviour - describe the relationship between scientific principles and technology - demonstrate competence in the use of technologies specific to investigative procedures and research

	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified
Grade	Subject/Course	Strand	Overall Expectation
9	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by: <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Science	Processes of Science	<ul style="list-style-type: none"> - demonstrate safe procedures - A2 p perform experiments using the scientific method - A3 r represent and interpret information in graphic form - A4 d demonstrate scientific literacy - A5 d demonstrate ethical, responsible, cooperative behaviour - A6 d describe the relationship between scientific principles and technology - demonstrate competence in the use of technologies specific to investigative procedures and research
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified

Lesson 3: Vulnerable Communities, Food Security and Sustainable Communities - Sudan

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	- influences on decision making and goal setting
		Healthy Relationships	- stereotyping and discrimination
		Safety and Injury Prevention	- Internet safety - responding to emergencies
	Mathematics	Patterns and Relations	- patterns & relationships in graphs & tables including tables of value
		Shape and Space	- methods of data collection
		Statistics and Probability	- experimental & theoretical probability
	Science	Life Science	- analyse how different organisms adapt to their environments
		Earth and Space Science	- explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments
	Social Studies	Skills and Processes	- apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	- assess diverse concepts of Canadian identity - compare Canadian society with the society of another country
		Governance	- compare the federal government in Canada with national governments of other countries - compare individual and collective rights and responsibilities in Canada with those in other countries - describe the role of Canada in the world
		Economy and Technology	- evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	- assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Healthy Living	<ul style="list-style-type: none"> - analyse factors (including media and peer) that influence personal health decisions - demonstrate an ability to access community information and support services for a variety of health issues - demonstrate an understanding of the life-threatening nature of HIV/AIDS (e.g., HIV/AIDS damages the immune system, there is currently no known cure for HIV/AIDS)
		Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid potentially unsafe situations on the road and in the community (e.g., recognize hazards and potential for injury, use assertive communication skills, use protective equipment, get relevant training and education)
	Mathematics	Patterns and Relations	<ul style="list-style-type: none"> - demonstrate an understanding of oral and written patterns and their equivalent linear relations
		Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of central tendency and range by determining the measures of central tendency (mean, median, mode) and range - determining the most appropriate measures of central tendency to report findings - determine the effect on the mean, median, and mode when an outlier is included in a data set - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
		Earth and Space Science	<ul style="list-style-type: none"> - analyse the dynamics of tectonic plate movement and landmass formation - explain how the Earth's surface changes over time
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue

Grade	Subject/Course	Strand	Overall Expectation
9	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - describe the effect of <ul style="list-style-type: none"> - bias - use of language - ethics - cost - time and timing - privacy - cultural sensitivity on the collection of data select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified
		Politics and Law	<ul style="list-style-type: none"> - define colonialism, imperialism, and nationalism - analyse factors that contribute to revolution and conflict
		Economy and Technology	<ul style="list-style-type: none"> - analyse effects of colonialism on trade and conflict - identify factors that influenced growth and development of industry
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, contours, and various types of maps - describe and compare North America's diverse geographical regions - demonstrate understanding of the ways in which Aboriginal people interact with their environment - assess the role of geographical factors in the development of trade and settlement in Canada and other colonies

Lesson 4 – Food Security and Sustainable Livelihoods

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - describe planning techniques that can help to support goal attainment (e.g., time management, setting priorities, considering costs and resources) - identify influences on goal setting and decision making, including family, peer, and media influences
		Safety and Injury Prevention	<ul style="list-style-type: none"> - identify basic principles for responding to emergencies (e.g., following safety guidelines, having an emergency response plan, knowing how to get help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of probability by identifying all possible outcomes of a probability experiment - differentiating between experimental and theoretical probability - determining the theoretical probability of outcomes in a probability experiment - determining the experimental probability of outcomes in a probability experiment - comparing experimental results with the theoretical probability for an experiment
	Science	Processes and Skills	<ul style="list-style-type: none"> - manipulate and control a number of variables in an experiment
		Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments - describe contributions of Canadians to exploration technologies
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	<ul style="list-style-type: none"> - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare individual and collective rights and responsibilities in Canada with those in other countries
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Career Development	<ul style="list-style-type: none"> - identify skills that are transferable to a range of school and recreational situations (e.g., time management, teamwork, problem solving, communication, adaptability)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue
Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Education and Careers	<ul style="list-style-type: none"> - identify skills that are transferable to new tasks and situations within and outside the school, including: personal management skills, academic skills, teamwork skills
		Safety and Injury Prevention	<ul style="list-style-type: none"> - describe appropriate procedures for responding to emergencies (e.g., be prepared, ensure there is no further danger to self or others, know how to access help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - critique ways in which data is presented - solve problems involving the probability of independent events
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified

Grade	Subject/Course	Strand	Overall Expectation
9	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> -select and defend the choice of using either a population or a sample of a population to answer a question develop and implement a project plan for the collection, display, and analysis of data by: <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question -demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified

Lesson 5- Disasters Everywhere

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - influences on decision making and goal setting
		Healthy Relationships	<ul style="list-style-type: none"> - stereotyping and discrimination
		Safety and Injury Prevention	<ul style="list-style-type: none"> - Internet safety - responding to emergencies
	Mathematics	Patterns and Relations	<ul style="list-style-type: none"> - patterns & relationships in graphs & tables including tables of value
		Shape and Space	<ul style="list-style-type: none"> - methods of data collection
		Statistics and Probability	<ul style="list-style-type: none"> - experimental & theoretical probability
	Science	Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps

			<ul style="list-style-type: none"> - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	<ul style="list-style-type: none"> - assess diverse concepts of Canadian identity - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare the federal government in Canada with national governments of other countries - compare individual and collective rights and responsibilities in Canada with those in other countries - describe the role of Canada in the world
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries
Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Healthy Living	<ul style="list-style-type: none"> - analyse factors (including media and peer) that influence personal health decisions - demonstrate an ability to access community information and support services for a variety of health issues
		Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid potentially unsafe situations on the road and in the community (e.g., recognize hazards and potential for injury, use assertive communication skills, use protective equipment, get relevant training and education)
	Mathematics	Patterns and Relations	<ul style="list-style-type: none"> - demonstrate an understanding of oral and written patterns and their equivalent linear relations
		Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of central tendency and range by determining the measures of central tendency (mean, median, mode) and range - determining the most appropriate measures of central tendency to report findings - determine the effect on the mean, median, and mode when an outlier is included in a data set - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems

		Earth and Space Science	<ul style="list-style-type: none"> - analyse the dynamics of tectonic plate movement and landmass formation - explain how the Earth's surface changes over time
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue
Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - critique ways in which data is presented - solve problems involving the probability of independent events
	Science	Physical Science	<ul style="list-style-type: none"> - explain the concept of force - describe the relationship between solids, liquids, and gases, using the kinetic molecular theory - determine the density of various substances - explain the relationship between pressure, temperature, area, and force in fluids - recognize similarities between natural and constructed fluid systems (e.g., hydraulic, pneumatic)
		Earth and Space Science	<ul style="list-style-type: none"> - explain the significance of salinity and temperature in the world's oceans - describe how water and ice shape the landscape - describe factors that affect productivity and species distribution in aquatic environments
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified

		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, and various types of maps - locate and describe major world landforms, bodies of water, and political boundaries on maps - locate and describe current and historical events on maps - describe how physical geography influenced patterns of settlement, trade, and exploration - analyse how people interacted with and - altered their environments, in terms of population, settlement patterns, resource use cultural development
Grade	Subject/Course	Strand	Overall Expectation
9	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - describe the effect of <ul style="list-style-type: none"> - bias - use of language - ethics - cost - time and timing - privacy - cultural sensitivity - on the collection of data select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and

			<ul style="list-style-type: none"> - written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified
		Politics and Law	<ul style="list-style-type: none"> - define colonialism, imperialism, and nationalism - analyse factors that contribute to revolution and conflict
		Economy and Technology	<ul style="list-style-type: none"> - analyse effects of colonialism on trade and conflict - identify factors that influenced growth and development of industry
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, contours, and various types of maps - describe and compare North America's diverse geographical regions - demonstrate understanding of the ways in which Aboriginal people interact with their environment - assess the role of geographical factors in the development of trade and settlement in Canada and other colonies

Lesson Seven: Post Disaster Relief

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - describe planning techniques that can help to support goal attainment (e.g., time management, setting priorities, considering costs and resources) - identify influences on goal setting and decision making, including family, peer, and media influences
		Safety and Injury Prevention	<ul style="list-style-type: none"> - identify basic principles for responding to emergencies (e.g., following safety guidelines, having an emergency response plan, knowing how to get help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of probability by identifying all possible outcomes of a probability experiment - differentiating between experimental and theoretical probability - determining the theoretical probability of outcomes in a probability experiment - determining the experimental probability of outcomes in a probability experiment - comparing experimental results with the theoretical probability for an experiment
	Science	Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments - describe contributions of Canadians to exploration technologies
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues

			<ul style="list-style-type: none"> - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	<ul style="list-style-type: none"> - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare individual and collective rights and responsibilities in Canada with those in other countries
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries
Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Career Development	<ul style="list-style-type: none"> - identify skills that are transferable to a range of school and recreational situations (e.g., time management, teamwork, problem solving, communication, adaptability)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science		-
		Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue

Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Education and Careers	<ul style="list-style-type: none"> - identify skills that are transferable to new tasks and situations within and outside the school, including: personal management skills, academic skills, teamwork skills
		Safety and Injury Prevention	<ul style="list-style-type: none"> - describe appropriate procedures for responding to emergencies (e.g., be prepared, ensure there is no further danger to self or others, know how to access help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - critique ways in which data is presented - solve problems involving the probability of independent events
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified
Grade	Subject/Course	Strand	Overall Expectation
9	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified

Lesson 8: What Exactly is Adaptation vs. Mitigation Anyways

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	- influences on decision making and goal setting
		Healthy Relationships	- stereotyping and discrimination
		Safety and Injury Prevention	- Internet safety - responding to emergencies
	Mathematics	Patterns and Relations	- patterns & relationships in graphs & tables including tables of value
		Shape and Space	- methods of data collection
		Statistics and Probability	- experimental & theoretical probability
	Science	Life Science	- analyse how different organisms adapt to their environments
		Earth and Space Science	- explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments
	Social Studies	Skills and Processes	- apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	- assess diverse concepts of Canadian identity - compare Canadian society with the society of another country
		Governance	- compare the federal government in Canada with national governments of other countries - compare individual and collective rights and responsibilities in Canada with those in other countries - describe the role of Canada in the world
		Economy and Technology	- evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	- assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Healthy Living	<ul style="list-style-type: none"> - analyse factors (including media and peer) that influence personal health decisions - demonstrate an ability to access community information and support services for a variety of health issues
		Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid potentially unsafe situations on the road and in the community (e.g., recognize hazards and potential for injury, use assertive communication skills, use protective equipment, get relevant training and education)
	Mathematics		-
		Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of central tendency and range by determining the measures of central tendency (mean, median, mode) and range - determining the most appropriate measures of central tendency to report findings - determine the effect on the mean, median, and mode when an outlier is included in a data set - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
		Earth and Space Science	<ul style="list-style-type: none"> - analyse the dynamics of tectonic plate movement and landmass formation - explain how the Earth's surface changes over time
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue

Grade	Subject/Course	Strand	Overall Expectation
9	Health and Career	Safety and Injury Prevention	propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - describe the effect of <ul style="list-style-type: none"> - bias - use of language - ethics - cost - time and timing - privacy - cultural sensitivity - on the collection of data select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by: <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified
		Politics and Law	<ul style="list-style-type: none"> - define colonialism, imperialism, and nationalism - analyse factors that contribute to revolution and conflict
		Economy and Technology	<ul style="list-style-type: none"> - analyse effects of colonialism on trade and conflict - identify factors that influenced growth and development of industry
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, contours, and various types of maps - describe and compare North America's diverse geographical regions - demonstrate understanding of the ways in which Aboriginal people interact with their environment - assess the role of geographical factors in the development of trade and settlement in Canada and other colonies

Lesson 9 – What is Post-Disaster Recovery Anyways?

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - describe planning techniques that can help to support goal attainment (e.g., time management, setting priorities, considering costs and resources) - identify influences on goal setting and decision making, including family, peer, and media influences
		Safety and Injury Prevention	<ul style="list-style-type: none"> - identify basic principles for responding to emergencies (e.g., following safety guidelines, having an emergency response plan, knowing how to get help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - demonstrate an understanding of probability by identifying all possible outcomes of a probability experiment - differentiating between experimental and theoretical probability - determining the theoretical probability of outcomes in a probability experiment - determining the experimental probability of outcomes in a probability experiment - comparing experimental results with the theoretical probability for an experiment
	Science	Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments - describe contributions of Canadians to exploration technologies
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue
		Identity, Society, and Culture	<ul style="list-style-type: none"> - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare individual and collective rights and responsibilities in Canada with those in other countries
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada’s economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries

Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Career Development	<ul style="list-style-type: none"> - identify skills that are transferable to a range of school and recreational situations (e.g., time management, teamwork, problem solving, communication, adaptability)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table or another graphic organizer) and experimental probability of two independent events
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue
Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Education and Careers	<ul style="list-style-type: none"> - identify skills that are transferable to new tasks and situations within and outside the school, including: personal management skills, academic skills, teamwork skills
		Safety and Injury Prevention	<ul style="list-style-type: none"> - describe appropriate procedures for responding to emergencies (e.g., be prepared, ensure there is no further danger to self or others, know how to access help)
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - critique ways in which data is presented - solve problems involving the probability of independent events
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified

Grade	Subject/Course	Strand	Overall Expectation
9	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified

Culminating Lesson – Global Citizenship – Post Disaster Recovery, SLA and Climate Change

Grade	Subject/Course	Strand	Overall Expectation
6	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - influences on decision making and goal setting
		Safety and Injury Prevention	<ul style="list-style-type: none"> - Internet safety - responding to emergencies
	Science	Life Science	<ul style="list-style-type: none"> - analyse how different organisms adapt to their environments
		Earth and Space Science	<ul style="list-style-type: none"> - explain obstacles unique to exploration of a specific extreme environment - assess technologies used for extreme environments
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - interpret graphs, tables, aerial photos, and various types of maps - evaluate the credibility and reliability of selected sources - deliver a formal presentation - implement a plan of action to address a selected local or global problem or issue

		Identity, Society, and Culture	<ul style="list-style-type: none"> - assess diverse concepts of Canadian identity - compare Canadian society with the society of another country
		Governance	<ul style="list-style-type: none"> - compare the federal government in Canada with national governments of other countries - compare individual and collective rights and responsibilities in Canada with those in other countries - describe the role of Canada in the world
		Economy and Technology	<ul style="list-style-type: none"> - evaluate effects of technology on lifestyles and environments - compare Canada's economy, technology, and quality of life with those in one or more selected countries
		Human and Physical Environment	<ul style="list-style-type: none"> - assess the relationship between cultures and their environments - describe factors that affect settlement patterns and population distribution in selected countries
Grade	Subject/Course	Strand	Overall Expectation
7	Health and Career	Goals and Decisions	<ul style="list-style-type: none"> - design a plan to achieve a specific goal - demonstrate an ability to apply a decision-making model to a specific situation
		Healthy Living	<ul style="list-style-type: none"> - analyse factors (including media and peer) that influence personal health decisions
		Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid potentially unsafe situations on the road and in the community (e.g., recognize hazards and potential for injury, use assertive communication skills, use protective equipment, get relevant training and education)
	Science	Life Science	<ul style="list-style-type: none"> - analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems - assess survival needs and interactions between organisms and the environment - assess the requirements for sustaining healthy local ecosystems - evaluate human impacts on local ecosystems
		Earth and Space Science	<ul style="list-style-type: none"> - analyse the dynamics of tectonic plate movement and landmass formation - explain how the Earth's surface changes over time
	Social Studies	Skills and Processes	<ul style="list-style-type: none"> - apply critical thinking skills – including comparing, classifying, inferring, imagining, verifying, - using analogies, identifying relationships, summarizing, and drawing conclusions – to a range of problems and issues - use various types of graphs, tables, timelines, and maps to obtain or communicate information - compile a body of information from a range of sources - deliver a formal presentation on a selected issue or inquiry using two or more forms of representation - defend a position on a contemporary or historical issue

Grade	Subject/Course	Strand	Overall Expectation
8	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Science	Physical Science	<ul style="list-style-type: none"> - explain the concept of force - describe the relationship between solids, liquids, and gases, using the kinetic molecular theory - determine the density of various substances - explain the relationship between pressure, temperature, area, and force in fluids - recognize similarities between natural and constructed fluid systems (e.g., hydraulic, pneumatic)
		Earth and Space Science	<ul style="list-style-type: none"> - explain the significance of salinity and temperature in the world's oceans - describe how water and ice shape the landscape - describe factors that affect productivity and species distribution in aquatic environments
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - gather and organize a body of information from primary and secondary print and non-print sources, including electronic sources - interpret and evaluate a variety of primary and secondary sources - assess a variety of positions on controversial issues - plan, revise, and deliver written and oral presentations - co-operatively plan and implement a course of action that addresses the problem, issue, or inquiry initially identified
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, and various types of maps - locate and describe major world landforms, bodies of water, and political boundaries on maps - locate and describe current and historical events on maps - describe how physical geography influenced patterns of settlement, trade, and exploration - analyse how people interacted with and altered their environments, in terms of population, settlement patterns, resource use, - cultural development
Grade	Subject/Course	Strand	Overall Expectation
9	Health and Career	Safety and Injury Prevention	<ul style="list-style-type: none"> - propose strategies to avoid unnecessary risks in a variety of situations on the road and in the community
	Information Technology		<ul style="list-style-type: none"> - All areas of the curriculum can be covered as this unit can be done entirely using technology
	Mathematics	Statistics and Probability	<ul style="list-style-type: none"> - describe the effect of

			<ul style="list-style-type: none"> - bias - use of language - ethics - cost - time and timing - privacy - cultural sensitivity <ul style="list-style-type: none"> - on the collection of data select and defend the choice of using either a population or a sample of a population to answer a question - develop and implement a project plan for the collection, display, and analysis of data by <ul style="list-style-type: none"> - formulating a question for investigation - choosing a data collection method that includes social considerations - selecting a population or a sample - collecting the data - displaying the collected data in an appropriate manner - drawing conclusions to answer the question - demonstrate an understanding of the role of probability in society
	Social Studies	Applications	<ul style="list-style-type: none"> - identify and clarify a problem, an issue, or an inquiry - select and summarize information from primary and secondary print and non-print sources, including electronic sources - assess the reliability, currency, and objectivity of different interpretations of primary and secondary sources - defend a position on a controversial issue after considering a variety of perspectives - plan, revise, and deliver formal oral and written presentations - co-operatively plan, implement, and assess a course of action that addresses the problem, issue, or inquiry initially identified
		Politics and Law	<ul style="list-style-type: none"> - define colonialism, imperialism, and nationalism - analyse factors that contribute to revolution and conflict
		Economy and Technology	<ul style="list-style-type: none"> - analyse effects of colonialism on trade and conflict - identify factors that influenced growth and development of industry
		Environment	<ul style="list-style-type: none"> - construct, interpret, and use graphs, tables, grids, scales, legends, contours, and various types of maps - describe and compare North America's diverse geographical regions - demonstrate understanding of the ways in which Aboriginal people interact with their environment - assess the role of geographical factors in the development of trade and settlement in Canada and other colonies