

Curriculum Connections

Introduction

CHF's lessons meet various curriculum requirements for primary students across Canada. The lesson topics cover both school board and provincial ministry initiatives such as character education, global education, social justice, social responsibility and the environment.

This section outlines the links to the Ontario Curriculum for each lesson, including grade, subject, strand and overall expectation connections for grades 1 to 3. Links to the Language curriculum have not been specified; however, all lessons incorporate and satisfy part of the Language curriculum.

Extension activities can involve further strands in Science and Technology, Social Studies, The Arts, Mathematics, and Health and Physical Education, especially if the lessons are presented as a complete unit of study. These lessons also satisfy some of the Catholic Graduate Expectations.

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Lesson 1: What's Right With This Picture?

Grade	Subject	Strand	Overall Expectation
1	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Recognize that communities consist of various physical features and community facilities that meet human needs Describe how people in the community interact with each other and the physical environment to meet human needs
			<ul style="list-style-type: none"> Assess the role of humans in maintaining a healthy environment. Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans.
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Investigate how different types of energy are used in daily life.
			<ul style="list-style-type: none"> Assess the impact on people and the environment of objects and structures and the materials used in them. Investigate structures that are built for a specific purpose to see how their design and materials suit the purpose
			<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and
2	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country Explain how the environment affects people's lives and the ways in which their needs are met
			<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and
	Science and	Understanding	<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and

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	Technology	Life Systems	ways in which humans have an impact upon animals and the places where they live.
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things.
3	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Report on how Canada influences and is influenced by its economic, cultural and environmental connections with other countries
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which plants have an impact on society and the environment, and ways in which human activity has an impact on plants and plant habitats.

Lesson 2: Music to Farm By!

Grade	Subject	Strand	Overall Expectation
1	The Arts	Music	<ul style="list-style-type: none"> Demonstrate an understanding of the basic elements of music specified for this grade through listening to, performing, and creating music
			<ul style="list-style-type: none"> Listen to and identify music from different cultures and historical periods
			<ul style="list-style-type: none"> Communicate their response to music in ways appropriate for this grade (e.g., through visual arts, drama, creative movement, language)
		Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture) , in ways appropriate for this grade, when producing and responding to works of art
			<ul style="list-style-type: none"> Demonstrate an understanding of some basic elements of drama and dance (e.g., character, rhythm)
		Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using some basic drama and dance techniques (e.g., role playing, movement and sequences)
			<ul style="list-style-type: none"> Create short dance pieces, using techniques learned in this grade
			<ul style="list-style-type: none"> Compose and decompose common two-dimensional shapes and three-dimensional figures
		Mathematics	Geometry and Spatial Sense
Health and Physical Education	Active Participation		

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	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Recognize that communities consist of various physical features and community facilities that meet human needs 	
1	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Describe how people in the community interact with each other and the physical environment to meet their needs 	
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Investigate needs and characteristics of plants and animals, including humans 	
		Understanding Matter and Energy	<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans 	
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth 	
			<ul style="list-style-type: none"> Assess the impact of daily and seasonal changes on living things, including humans 	
<ul style="list-style-type: none"> Demonstrate an understanding of what daily and seasonal changes are and of how these changes affect living things 				
2	The Arts	Music	<ul style="list-style-type: none"> Demonstrate an understanding of the basic elements of music specified for this grade through listening to, performing, and creating music 	
			<ul style="list-style-type: none"> Recognize a variety of sound sources and use some in performing and creating music 	
			<ul style="list-style-type: none"> Identify and perform music from various cultures and historical periods 	
			<ul style="list-style-type: none"> Communicate their response to music in ways appropriate for this grade (e.g., through visual arts, drama, creative movement, language) 	
		Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences 	
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art 	
		Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using several basic drama and dance techniques (e.g. tableaux) 	
			<ul style="list-style-type: none"> Create short dance pieces, using techniques learned in this grade 	
		Mathematics	Geometry and Spatial Sense	<ul style="list-style-type: none"> Compose and decompose two-dimensional shapes and three-dimensional figures

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Grade	Subject	Strand	Overall Expectation
2	Health and Physical Education	Active Participation	<ul style="list-style-type: none"> Participate on a regular basis in physical activities that maintain or improve physical fitness (e.g., games, gymnastics, dance)
	Social Studies	Heritage and Citizenship	<ul style="list-style-type: none"> Explain how the various cultures of individuals and groups contribute to the local community
		Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country
2	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Explain how the environment affects people's lives and the ways in which their needs are met
3	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences
			<ul style="list-style-type: none"> Identify the elements of design (colour, line, shape, form, space, texture), and use them in ways appropriate for this grade when producing and responding to works of art
		Drama and Dance	<ul style="list-style-type: none"> Interpret and communicate the meaning of stories, poems, plays, and other material drawn from a range of sources and cultures, using basic drama and dance techniques (e.g., writing in role)
			<ul style="list-style-type: none"> Create short dance pieces, using techniques learned in this grade
	Health and Physical Education	Active Participation	<ul style="list-style-type: none"> Participate on a regular basis in physical activities that maintain or improve physical fitness (e.g., skipping to music)
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Identify and compare distinguishing features of urban and rural communities
<ul style="list-style-type: none"> Explain how communities interact with each other and the environment to meet human needs 			
3	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which plants have an impact on society and the environment, and ways in which human activity has an impact on plants and plant habitats
			<ul style="list-style-type: none"> Demonstrate an understanding that plants grow and change and have distinct characteristics
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of soils on society and the environment, and of society and the environment on soils

Grade	Subject/Course	Strand	Overall Expectation
1	The Arts	Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using some basic drama and dance techniques (e.g., role playing, movement sequences)
	Mathematics	Number Sense and Numeration	<ul style="list-style-type: none"> Read, represent, compare, and order whole numbers to 50, and use concrete materials to investigate fractions and money amounts
			<ul style="list-style-type: none"> Solve problems involving the addition and subtraction of single-digit whole numbers, using a variety of strategies
		Measurement	<ul style="list-style-type: none"> Estimate, measure, and describe length, area, mass, capacity, time, and temperature, using non-standard units of the same size
		Data Management and Probability	<ul style="list-style-type: none"> Collect and organize categorical primary data and display the data using concrete graphs and pictographs, without regard to the order of labels on the horizontal axis
	<ul style="list-style-type: none"> Read and describe primary data presented in concrete graphs and pictographs 		
	Health and Physical Education	Active Participation	<ul style="list-style-type: none"> Participate on a regular basis in physical activities that maintain or improve physical fitness
		Fundamental Movement Skills	<ul style="list-style-type: none"> Perform the basic movement skills required to participate in physical activities: locomotion/travelling (e.g., galloping, running), manipulation (e.g., throwing, catching), and stability (e.g., jumping, landing)
1	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Recognize that communities consist of various physical features and community facilities that meet human needs
			<ul style="list-style-type: none"> Describe how people in the community interact with each other and they physical environment to meet human needs
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess the role of humans in maintaining a healthy environment
			<ul style="list-style-type: none"> Investigate the needs and characteristics of plants and animals, including humans
			<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans
		Understanding Matter and Energy	<ul style="list-style-type: none"> Investigate how different types of energy are used in daily life
Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of daily and seasonal changes on living things, including humans 		
	<ul style="list-style-type: none"> Demonstrate an understanding of what daily and seasonal changes are and of how these changes affect living things 		
2	The Arts	Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures
	Mathematics	Number Sense	<ul style="list-style-type: none"> Read, represent, compare, and order whole

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		and Numeration	numbers to 100
		Measurement	<ul style="list-style-type: none"> Estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using non-standard units and standard units
		Data Management and Probability	<ul style="list-style-type: none"> Collect and organize categorical or discrete primary data and display the data using tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers, with labels ordered appropriately along horizontal axes, as needed
			<ul style="list-style-type: none"> Read and describe primary data presented in tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers
Health and Physical Education	Active Participation	<ul style="list-style-type: none"> Participate on a regular basis in physical activities that maintain or improve physical fitness 	
2	Health and Physical Education	Fundamental Movement Skills	<ul style="list-style-type: none"> Perform the basic movement skills required to participate in physical activities: locomotion/travelling (e.g., skipping, hopping), manipulation (e.g., throwing, bouncing), and stability (e.g., balancing, twisting)
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country
			<ul style="list-style-type: none"> Explain how the environment affects people's lives and the ways in which their needs are met
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and ways in which humans have an impact upon animals and the places where they live
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things
			<ul style="list-style-type: none"> Investigate the characteristics of air and water and the visible/invisible effects of and changes to air and/or water in the environment Demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs
3	The Arts	Drama and Dance	<ul style="list-style-type: none"> Interpret and communicate the meaning of stories, poems, plays and other material drawn from a range of sources and cultures, using basic drama and dance techniques (e.g., writing in role)
	Mathematics	Number Sense and Numeration	<ul style="list-style-type: none"> Read, represent, compare, and order whole numbers to 1000, and use concrete materials to represent fractions and money amounts to \$10
		Measurement	<ul style="list-style-type: none"> Estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using standard units
		Data	<ul style="list-style-type: none"> Collect and organize categorical or discrete

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		Management and Probability	<p>primary data and display the data using charts and graphs, including vertical and horizontal bar graphs, with labels ordered appropriately along horizontal axes, as needed</p> <ul style="list-style-type: none"> Read, describe, and interpret primary data presented in charts and graphs, including vertical and horizontal bar graphs
3	Health and Physical Education	Active Participation	<ul style="list-style-type: none"> Participate on a regular basis in physical activities that maintain or improve physical fitness (e.g., skipping to music)
		Fundamental Movement Skills	<ul style="list-style-type: none"> Perform the basic movement skills required to participate in physical activities: locomotion/travelling (e.g., dodging, chasing), manipulation (e.g., striking, hitting), and stability (e.g., balancing on equipment, performing rolls)
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Identify and compare distinguishing features of urban and rural communities
			<ul style="list-style-type: none"> Explain how communities interact with each other and the environment to meet human needs

Lesson 4: Friendship Fun!

Grade	Subject	Strand	Overall Expectation
1	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art
	Mathematics	Geometry and Spatial Sense	<ul style="list-style-type: none"> Compose and decompose common two-dimensional shapes and three-dimensional figures
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess the role of humans in maintaining a healthy environment
			<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans
		Understanding Structures and Mechanisms	<ul style="list-style-type: none"> Assess the impact on people and the environment of objects and structures and the materials used in them
			<ul style="list-style-type: none"> Investigate structures that are built for a specific purpose to see how their design and materials suit the purpose
			<ul style="list-style-type: none"> Demonstrate an understanding that objects and structures have observable characteristics and are made from materials with specific properties that determine how they are used
		Understanding Matter and Energy	<ul style="list-style-type: none"> Investigate how different types of energy are used in daily life
	<ul style="list-style-type: none"> Demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth 		

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2	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences
2	The Arts	Visual Arts	<ul style="list-style-type: none"> Use the elements of design, in ways appropriate for this grade, when producing and responding to works of art
	Mathematics	Geometry and Spatial Sense	<ul style="list-style-type: none"> Compose and decompose two-dimensional shapes and three-dimensional figures
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country
			<ul style="list-style-type: none"> Use a variety of resources and tools to gather, process, and communicate geographic information about the countries studied
			<ul style="list-style-type: none"> Explain how the environment affects people's lives and the ways in which their needs are met
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and ways in which humans have an impact upon animals and the places where they live
	Science and Technology	Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things
<ul style="list-style-type: none"> Investigate the characteristics of air and water and the visible/invisible effects of and changes to air and/or water in the environment 			
<ul style="list-style-type: none"> Demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs 			
3	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three- dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences
			<ul style="list-style-type: none"> Identify the elements of design (colour, line, shape, form, space, texture), and use them in ways appropriate for this grade when producing and responding to works of art
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Identify and compare distinguishing features of urban and rural communities
			<ul style="list-style-type: none"> Use a variety of resources and tools to gather, process, and communicate geographic information about urban and rural communities
			<ul style="list-style-type: none"> Explain how communities interact with each other and the environment to meet human needs
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which plants have an impact on society and the environment, and ways in which human activity has an impact on plants and on plant habitats

Grade	Subject	Strand	Overall Expectation
3	Science and Technology	Understanding Structures and Mechanisms	<ul style="list-style-type: none"> Assess the importance of form, function, strength, and stability in structures through time
			<ul style="list-style-type: none"> Demonstrate an understanding of the concepts of structure, strength, and stability and the factors that affect them

Lesson 5: Grains for Growth

Grade	Subject	Strand	Overall Expectation
1	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art
		Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using some basic drama and dance techniques (e.g., role playing, movement sequences)
			<ul style="list-style-type: none"> Communicate understanding of works in drama and dance through discussion, movement, and visual art work
	Health and Physical Education	Healthy Living	<ul style="list-style-type: none"> Identify healthy eating habits
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Describe how people in the community interact with each other and the physical environment to meet human needs
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Investigate needs and characteristics of plants and animals, including humans
			<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans
		Understanding Matter and Energy	<ul style="list-style-type: none"> Demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth
		Understand Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of daily and seasonal changes on living things, including humans
			<ul style="list-style-type: none"> Demonstrate an understanding of what daily and seasonal changes are and of how these changes affect living things
			<ul style="list-style-type: none"> Demonstrate an understanding of what daily and seasonal changes are and of how these changes affect living things
2	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences

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Grade	Subject	Strand	Overall Expectation	
2	The Arts	Visual Arts	<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art 	
		Drama and Dance	<ul style="list-style-type: none"> Interpret the meaning of stories, poems, and other material drawn from a variety of sources and cultures, using several basic drama and dance techniques (e.g., tableaux) 	
			<ul style="list-style-type: none"> Communicate understanding of works in drama and dance through discussion, writing, movement, and visual art work 	
	Health and Physical Education	Healthy Living	<ul style="list-style-type: none"> Identify healthy eating practices and use a decision-making model to make healthy food choices 	
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country 	
			<ul style="list-style-type: none"> Explain how the environment affects people's lives and the ways in which their needs are met 	
	Science and Technology	Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things 	
			<ul style="list-style-type: none"> Demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs 	
	3	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences
				<ul style="list-style-type: none"> Identify the elements of design (colour, line, shape, form, space, texture), and use them in ways appropriate for this grade when producing and responding to works of art
Drama and Dance			<ul style="list-style-type: none"> Interpret and communicate the meaning of stories, poems, plays, and other material drawn from a range of sources and cultures, using basic drama and dance techniques (e.g., writing in role) 	
			<ul style="list-style-type: none"> Compare their own work with the work of others in drama and dance through discussion, writing, movement, and visual art work 	
Health and Physical Education		Healthy Living	<ul style="list-style-type: none"> Describe the relationship among healthy eating practices, healthy active living, and healthy bodies 	
Social Studies		Canada and World Connections	<ul style="list-style-type: none"> Identify and compare distinguishing features of urban and rural communities 	
			<ul style="list-style-type: none"> Explain how communities interact with each other and the environment to meet human needs 	

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Grade	Subject	Strand	Overall Expectation
3	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which plants have an impact on society and the environment, and ways in which human activity has an impact on plants and plant habitats
			<ul style="list-style-type: none"> Demonstrate an understanding that plants grow and change and have distinct characteristics

Lesson 6: Grass for Grazing!

Grade	Subject	Strand	Overall Expectation
1	Mathematics	Measurement	<ul style="list-style-type: none"> Estimate, measure, and describe length, area, mass, capacity, time, and temperature, using non-standard units of the same size
		Data Management and Probability	<ul style="list-style-type: none"> Collect and organize categorical primary data and display the data using concrete graphs and pictographs, without regard to the order of labels on the horizontal axis
	Health and Physical Activity	Healthy Living	<ul style="list-style-type: none"> Identify Healthy Eating Habits
			<ul style="list-style-type: none"> Identify the stages in development of humans (e.g., comparing physical changes from birth to childhood) and of other living things
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> Investigate the needs and characteristics of plants and animals, including humans
			<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans
		Understanding Matter and Energy	<ul style="list-style-type: none"> Demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth
Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of daily and seasonal changes on living things, including humans 		
	<ul style="list-style-type: none"> Demonstrate an understanding of what daily and seasonal changes are and of how these changes affect living things 		
2	Mathematics	Measurement	<ul style="list-style-type: none"> Estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using non-standard units and standard units
		Data Management and Probability	<ul style="list-style-type: none"> Collect and organize categorical or discrete primary data and display the data, using tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers, with labels ordered appropriately along horizontal axes, as needed

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Grade	Subject	Strand	Overall Expectation
2	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> • Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country
			<ul style="list-style-type: none"> • Explain how the environment affects people's lives and the ways in which their needs are met
			<ul style="list-style-type: none"> • Use a variety of resources and tools to gather, process, and communicate geographic information about the countries studied
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> • Assess ways in which animals have an impact on society and the environment, and ways in which humans have an impact upon animals and the places where they live
			<ul style="list-style-type: none"> • Investigate similarities and differences in the characteristics of various animals
			<ul style="list-style-type: none"> • Demonstrate an understanding that animals grow and change and have distinct characteristics
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> • Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things
<ul style="list-style-type: none"> • Demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs 			
3	Mathematics	Measurement	<ul style="list-style-type: none"> • Estimate, measure, and record length, perimeter, area, mass, capacity, time, and temperature, using standard units
		Data Management and Probability	<ul style="list-style-type: none"> • Collect and organize categorical or discrete primary data and display the data using charts and graphs, including vertical and horizontal bar graphs, with labels ordered appropriately along horizontal axes, as needed
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> • Identify and compare distinguishing features of urban and rural communities
			<ul style="list-style-type: none"> • Explain how communities interact with each other and the environment to meet human needs
	Science and Technology	Understanding Life Systems	<ul style="list-style-type: none"> • Assess ways in which plants have an impact on society and the environment, and ways in which human activity has an impact on plants and plant habitats
			<ul style="list-style-type: none"> • Investigate similarities and differences in the characteristics of various plants, and ways in which the characteristics of plants relate to the environment in which they grow
			<ul style="list-style-type: none"> • Demonstrate an understanding that plants grow and change and have distinct characteristics

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Grade	Subject	Strand	Overall Expectation
3	Science	Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of soils on society and the environment, and of society and the environment on soils
			<ul style="list-style-type: none"> Demonstrate an understanding of the composition of soils, the types of soils, and the relationship between soils and other living things

Lesson 6: Trees for Life!

Grade	Subject	Strand	Overall Expectation
1	Science	Understanding Life Systems	<ul style="list-style-type: none"> Assess the role of humans in maintaining a healthy environment
			<ul style="list-style-type: none"> Investigate needs and characteristics of plants and animals, including humans
			<ul style="list-style-type: none"> Demonstrate an understanding of the basic needs and characteristics of plants and animals, including humans
		Understanding Structures and Mechanisms	<ul style="list-style-type: none"> Assess the impact on people and the environment of objects and structures and the materials used in them
			<ul style="list-style-type: none"> Investigate structures that are built for a specific purpose to see how their design and materials suit the purpose
			<ul style="list-style-type: none"> Demonstrate an understanding that objects and structures have observable characteristics and are made from materials with specific properties that determine how they are used
		Understanding Matter and Energy	<ul style="list-style-type: none"> Investigate how different types of energy are used in daily life
			<ul style="list-style-type: none"> Demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess the impact of daily and seasonal changes on living things, including humans
		Social Studies	Heritage and Citizenship
Canada and World Connections	<ul style="list-style-type: none"> Recognize that communities consist of various physical features and community facilities that meet human needs 		
	<ul style="list-style-type: none"> Describe how people in the community interact with each other and the physical environment to meet human needs 		

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Grade	Subject	Strand	Overall Expectation
1	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art
	Health and Physical Education	Healthy Living	<ul style="list-style-type: none"> Identify the stages in development of humans (e.g., comparing physical changes from birth to childhood) and of other living things
2	Science	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which animals have an impact on society and the environment, and ways in which humans have an impact upon animals and the places where they live
		Understanding Earth and Space Systems	<ul style="list-style-type: none"> Assess ways in which the actions of humans have an impact on the quality of air and water, and ways in which the quality of air and water has an impact on living things
			<ul style="list-style-type: none"> Investigate the characteristics of air and water and the visible/invisible effects of and changes to air and/or water in the environment
			<ul style="list-style-type: none"> Demonstrate an understanding of the ways in which air and water are used by living things to help them meet their basic needs
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Demonstrate an understanding that the world is made up of countries, continents, and regions and that people's lifestyles may differ from country to country
			<ul style="list-style-type: none"> Explain how the environment affects people's lives and the ways in which their needs are met
			<ul style="list-style-type: none"> Use a variety of resources and tools to gather, process, and communicate geographic information about the countries studied
The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences 	
		<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade, when producing and responding to works of art 	
3	Science	Understanding Life Systems	<ul style="list-style-type: none"> Assess ways in which plants have an impact on society and the environment, and ways in which humans have an impact on plants and plant habitats
			<ul style="list-style-type: none"> Investigate similarities and differences in the characteristics of various plants, and ways in which the characteristics of plants relate to the environment in which they grow
			<ul style="list-style-type: none"> Demonstrate an understanding that plants grow and change and have distinct characteristics

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Grade	Subject	Strand	Overall Expectation
3	Science	Understanding Structures and Mechanisms	<ul style="list-style-type: none"> Assess the importance of form, function, strength, and stability in structures through time
			<ul style="list-style-type: none"> Demonstrate an understanding of the concepts of structure, strength, and stability and the factors that affect them
	Social Studies	Canada and World Connections	<ul style="list-style-type: none"> Identify and compare distinguishing features of urban and rural communities
			<ul style="list-style-type: none"> Use a variety of resources and tools to gather, process, and communicate geographic information about urban and rural communities
			<ul style="list-style-type: none"> Explain how communities interact with each other and the environment to meet human needs
	The Arts	Visual Arts	<ul style="list-style-type: none"> Produce two- and three-dimensional works of art that communicate ideas (thoughts, feelings, experiences) for specific purposes and to familiar audiences
			<ul style="list-style-type: none"> Use the elements of design (colour, line, shape, form, space, texture), in ways appropriate for this grade when producing and responding to works of art